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1969

### 1969 Summer College Catalog

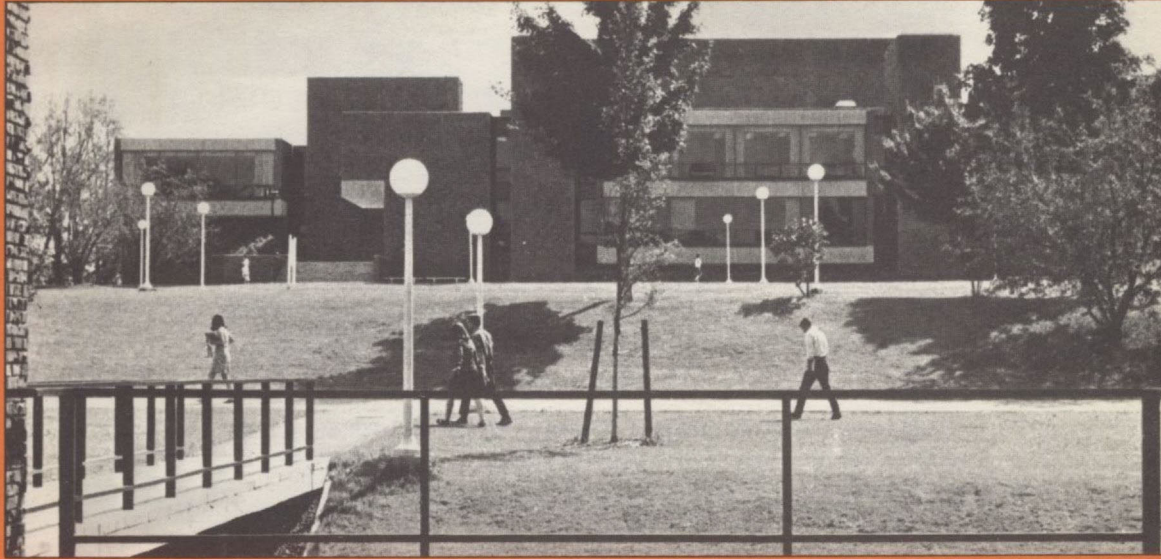
State University of New York College at Cortland

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28-10-15

# COLLEGE AT CORTLAND



Summer Catalog  
1969

STATE UNIVERSITY OF NEW YORK



## SUMMER SESSION CALENDAR

June 30, Monday	Registration for Summer Session
	Registration for 2- and 3-Week Short Sessions
July 1, Tuesday	Classes Begin—6 Weeks
July 4, Friday	Independence Day—Legal Holiday
August 9, Saturday	End of 6-Week Summer Session
August 11, Monday	Registration for Post Session (3 Weeks)
August 30, Saturday	End of Post Session

August 2 of the six-week session will be used for make-up of instruction missed because of registration on June 30. All two- and three-week sessions will use the last Saturday of their respective sessions for instruction unless class met on registration day. All Post Session courses will meet August 23 for make-up of instruction missed because of August 11 registration.

July			August					
30-4	7-12	14-19	21-26	28-2	4-9	11-16	18-23	25-30
Summer Session June 30 - Aug. 9						Post Session Aug. 11 - 30		
First 3 Weeks			Short Sessions and Workshops					
			Second 3 Weeks					
First 2 Weeks								
			Second 2 Weeks					
						Post 2 Weeks		

### ACCREDITATION OF THE COLLEGE

The State University College at Cortland has been accredited by the following official bodies: The Middle States Association of Colleges and Secondary Schools, The National Council for Accreditation of Teacher Education, The American Association of University Women, and the Board of Regents of the University of the State of New York.

**STATE UNIVERSITY OF NEW YORK**  
**COLLEGE AT CORTLAND**

1969 Catalog

**SUMMER SESSIONS**

For information about reserving courses and pre-registration, see page 18.

Additional information may be obtained from:

Director of Summer Sessions  
State University College at Cortland  
Cortland, New York 13045



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Permit for Visiting Undergraduate Students  
to Attend Cortland Summer Sessions, 1969

Mr.  
Miss  
Mrs. \_\_\_\_\_

Address \_\_\_\_\_

State \_\_\_\_\_

Was in attendance at, and is eligible to return to:

College \_\_\_\_\_

Location \_\_\_\_\_

and has permission to enroll in the following courses at State University College at Cortland:

Courses	Semester Hours
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Alternate Courses:

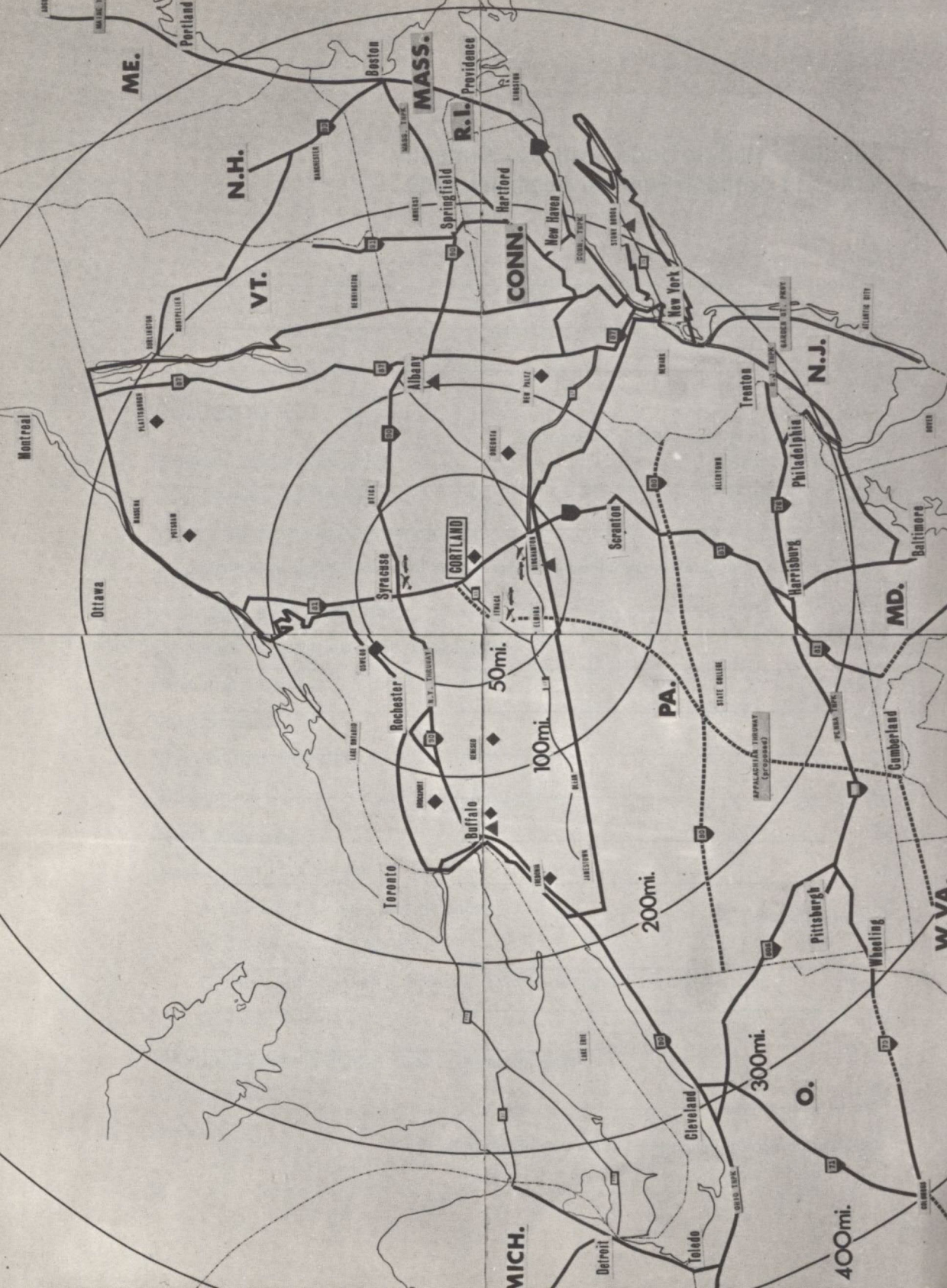
_____	_____
_____	_____

Signed \_\_\_\_\_  
Dean of College to which credit is to be transferred

Date: \_\_\_\_\_

Note: This form must be presented at the time of registration.





## College at Cortland

The State University of New York College at Cortland is a rapidly developing public college of arts and science that is building on a century of service to education. It is located in the geographic center of New York State, midway between Syracuse and Binghamton.

The College offers programs of instruction in 38 major fields at the undergraduate level, granting bachelor of arts degrees in art, economics, French, geography, German, history, literature, music, philosophy, political science, sociology, Spanish and speech and theatre. It also offers bachelor of arts or bachelor of science degrees in biology, chemistry, geology, chemistry-geology, mathematics, physics, physics and mathematics, and psychology, as well as bachelor of arts and bachelor of science degrees in secondary or elementary education, a bachelor of arts degree in speech education, and bachelor of science degrees in health education, physical education and recreation education.

Graduate programs at Cortland lead to the Master of Science in Education in elementary education, health education, physical education, recreation education, speech education and secondary education in English, mathematics, social studies, French, biology and general science, chemistry and general science, earth science and general science, and physics and general science. In addition, the Master of Arts in Teaching English and the Master of Arts in English are offered.



## Admission to Summer Study

All applications for summer study should be addressed to the Director of Summer Sessions. They then will be forwarded to the appropriate divisions for action.

Undergraduate students who are candidates for a degree at another college and who wish to take specific courses at Cortland to be transferred to that college should have a statement from the dean of the college concerned indicating the approval of courses to be transferred. A blank for this purpose is provided on page 3 of this catalog. Other undergraduate students who wish to attend Cortland for the first time during the 1969 Summer Session must apply for admission through the College Admissions Office in the Miller Administration Building. Since this process takes time, it is urged that students obtain the necessary information from the Admissions Office at once.

Any graduate student attending this College for the first time in the 1969 Summer Session must support his application with a copy of his undergraduate transcript. A letter from the State Education Department stipulating courses needed to meet certain certification requirements is also helpful for advisement purposes. Any graduate student attending this College who wishes to pursue a degree program should consult the pages in this catalog concerning the Division of Graduate Studies and Research. They include special requirements for admission as a matriculated graduate student.

*Admission to summer study does not constitute admission to a degree program at the College.*





# **Academic Regulations and Procedures**

## **Student Responsibility**

During the summer session the principles and regulations governing course work and credit which are outlined in the general College catalog remain in force. The College expects those who are admitted to carry out their responsibilities as students so that their work is a credit to themselves and to the College. Hence, the College reserves the right to terminate the enrollment of any student whose conduct or academic record is unsatisfactory to College officials.

All students attending Summer Sessions at Cortland are subject to College Policies which are in effect during the regular academic year, unless specified otherwise in this catalog.

## **Cancellation of Classes**

The College expects to offer all regular classes scheduled. However, if enrollments in some classes are as low as ten students, the College reserves the right to cancel such classes and adjust the programs of students affected.

## **Grades and Standards**

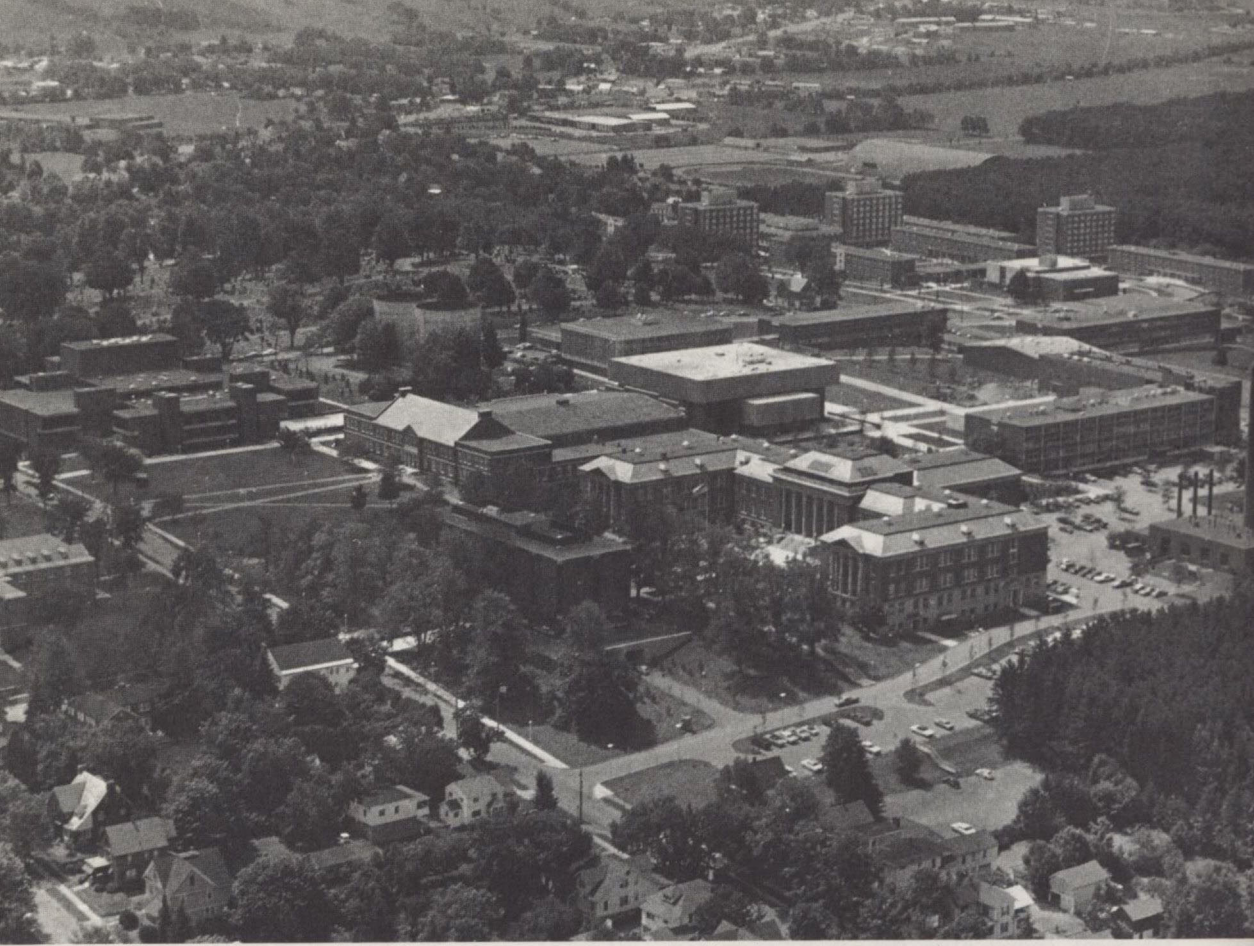
Any student withdrawing from a six-week summer session course after the fifth class day, or from a three-week course after the third class day, and from a two-week course after the second class day, will be assessed a grade of E for the course unless the appropriate division dean rules that an exception may be made, in which case the letter grade of X will be given. A student withdrawing from the College prior to the midpoint of the course will be assigned grades of WP or WF, dependent upon his academic standing at the time of withdrawal from the College. A student withdrawing from the College after mid-term will receive grades of E except as grades of WP or WF may be assigned with the approval of the division dean.

Any student who misses a final examination will receive an E for the course unless he obtains an excuse for his absence from the appropriate division dean. It is the student's responsibility to arrange with the instructor for a make-up examination. Such an examination must be taken after the regularly scheduled examination and will be given at the convenience of the instructor.

## **Transcripts**

One free transcript will be furnished each graduate after commencement and additional transcripts may be purchased for \$1 at any time. Graduate





students will receive one free transcript at the close of the summer session or academic year.

Requests for transcripts of undergraduate courses should be sent to the Registrar's Office, while graduate transcripts should be requested from the Office of Graduate Studies and Research. Requests should be accompanied by the sum required with checks made payable to the State University College at Cortland. The College reserves the right to deny a transcript to any person who is delinquent in any obligation to the College.

### Maximum Course Load

In general, a full schedule of courses will be interpreted as six semester hours in the six-week session (exclusive of laboratory credit hours and physical education activities). If a student wishes to take more than the normal six-hour load, his request must be approved by an academic adviser and the appropriate division dean. No student may enroll in more than one short course or workshop in the same calendar period.

## Fees and Expenses

State University of New York has established tuition and college fees for summer sessions, as indicated below:

### Tuition, per semester hour of credit

For undergraduates (New York State residents).....	\$13.50
For undergraduates (out-of-state).....	\$20.00
For all graduate students.....	\$20.00

### State University Fee

For each summer session student, per semester hour of credit.....	\$ .85
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### College charges for the summer, at the option of the student, include:

#### College Activity Assessment, per student enrolled in:

Six-week Summer Session.....	\$ 4.00
Two and three-week Short Sessions, Workshops, and Clinics.....	\$ 2.00

### Graduation Charges, for students in final term of work:

	<i>With Certificate</i>	<i>Without Certificate</i>
A. Candidates for the bachelor's degree.....	\$12.00	\$ 7.00
B. Candidates for the master's degree.....	\$14.00	\$ 9.00

Late Registration Charge.....	\$ 5.00
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## Refunds

Students withdrawing from the College or reducing the number of hours for which they are registered are entitled to a refund of tuition paid according to the schedule listed below. The State University fee and late registration fee are not refundable. Application for withdrawal must be filed with and approved by the Summer Sessions Office within one week of the last class attended if refunds are to be made. Saturday of the week in which the first class session occurs shall be deemed the end of the first week for refund purposes. Tuition refund for short sessions will not be made after the first day of classes.

<i>Last Class Attended During</i>	<i>Percent of Tuition Refunded</i>
First Week	100%
Second Week	30%
Third Week	0%



# Announcements

## Financial Aid

### *Work-Study*

The College at Cortland participates in the Work-Study Program as established under the Economic Opportunity Act. The program enables a full-time student to pursue degree requirements while at the same time being employed on a part-time basis. A qualified student may be authorized to work an average of 30 hours per two-week period while classes are in session.

### *Community Part-Time Employment*

The Financial Aids Office maintains a record of qualified students seeking employment and publishes opportunities for employment, both on campus and in the City of Cortland.

### *Emergency Loans—Short Term*

Loans are available for assistance in meeting pressing financial obligations which are related to the student's completing his education. Loans must be repaid prior to September 16 or within three months, whichever comes first. No interest on the student emergency loan accrues prior to the beginning of the repayment schedule, and interest thereafter is paid at the rate of four percent (4%) per year. This loan fund is closed one week prior to the date of registration and does not reopen until one week after registration.

### *National Defense Student Loan*

A limited number of National Defense Student Loans will be available to matriculated students attending summer session. Priority will be given to the most needy student who has shown evidence of good academic ability. The maximum amount of money available to a student for any one academic year is \$1,000. Application deadline for 1969 Summer Session National Defense Loans is April 15, 1969.

*Application forms for financial assistance must be secured from the Financial Aids Office, 335 Miller Administration Building.*

## Housing

The College residence halls are open to both graduate and undergraduate students. To the extent that it is possible, graduate students are housed in residence halls separate from undergraduate students. At Cortland there are no married student housing facilities available on campus but there are apart-

ments and rooms available in the community and the Housing Office will supply this information upon request.

### *Women's Summer Housing Requirements*

Graduate women, senior women, women 21 years of age and over and women living at home are permitted to live off campus. All other undergraduate women, whether Cortland students or not, are required to live in College residence halls.

### *Men's Summer Housing Requirements*

All freshmen men (those having completed fewer than 26 semester hours) under 21 years of age, including "Summer-Spring" students, are required to live on campus. Married students and students living at home are exempt from this requirement. Upperclassmen are allowed to live off-campus in College-approved housing during the summer session.

Freshmen students include those whose September admission is based upon required summer attendance.

### *Housing Fees and Procedures*

For those who will be living on campus the following information will be helpful:

**RATES:** Single rooms are \$17 per week and double rooms are \$12 per week per person. The total room payment is made upon arrival on campus.

**LINEN:** Linen service is available at \$1 per week. The residence halls also are equipped with coin-operated washing and drying machines.

**ROOM FURNISHINGS:** Students' rooms are equipped with desks, beds, dressers, chairs and waste baskets. Since there is only one floor lamp in each room, it is recommended that students provide their own study lamps. Bed linen and towels are an optional service at \$1 per week and students will need to bring their own blankets, pillows and bedspreads. The windows have venetian blinds. Irons are not furnished.

**HOUSING RESERVATION (PRE-REGISTERED STUDENTS):** In response to an application, the Director of Summer Sessions will provide students with all necessary forms including a "Housing Reservation Card." The card should be completed carefully and returned promptly to the Director of Housing. No advance deposit is necessary; room payments in advance will be collected during the registration process.

**STUDENTS NOT PRE-REGISTERED:** (i.e. students who have not completed and returned a "Reservation by Mail Packet" to the Director of Summer Sessions by the established deadline). Students in this





category who wish to live in a College residence hall should write or telephone the Director of Housing for a reservation. Information after arrival may be obtained from the Housing Office, 337 Miller Administration Building, telephone 607—753-4724, during normal Monday through Friday business hours. In the evening and on week-ends the assistant dean on duty, telephone 607—753-2600, will furnish housing information.

**ROOM ASSIGNMENTS:** Students will receive specific room assignments upon arrival on campus. Single reservations generally are available for pre-registered students but cannot be guaranteed.

**GUEST POLICY:** Undergraduate students' guests may be accommodated on Friday and Saturday nights only. The host or hostess must have the prior approval of the residence hall director and shall assume full responsibility for the guests. Husbands, wives and children of students cannot be accommodated on campus.

**RESIDENCE HALL REGISTRATION:** The residence hall check-in times have been established for the summer sessions as follows:

Six-week Session—Check in on Sunday, June 29, between noon and 6 p.m. or Monday, June 30, between 10 a.m. and 4 p.m.

Post Session—Check in on Sunday, August 10, between noon and 6 p.m. or Monday, August 11, between 10 a.m. and 4 p.m.

Check in times for short sessions other than above will be from 2 p.m.-4 p.m. and 7 p.m.-9 p.m. on the day preceding the registration date. Any changes in the summer session schedule after publication of this catalog necessarily will require a corresponding change in this housing schedule, including possible changes in room rates.

**VACATING THE RESIDENCE HALL:** Students are expected to vacate their rooms by 6 p.m. on their last day of classes. This schedule will apply for all major sessions and short sessions.

**OFF-CAMPUS HOUSING:** The Director of Housing maintains lists of off-campus rooms and apartments available to summer students. One bedroom, furnished apartments generally rent from \$75-\$125 per month. Rooms with limited kitchen privileges are available at \$10-\$15 per week. A list of available off-campus housing will be mailed upon request.



## Student Health Service

During the summer health services will be furnished at the James M. McDonald Student Health Center, 60 Tompkins Street. Health services at the College are of two types: (a) an out-patient department provides for the everyday routine need of ambulatory patients through regular daily clinic hours, and (b) an in-patient department or infirmary provides for those patients needing bed rest and more intensive care.

For serious illness, major surgery and specialist care, students are hospitalized in the Cortland Memorial Hospital under the care of any local physician of the patient's choice. These physicians work in close cooperation with the College physicians and the College Health Service. All expenses incurred with local or non-College physicians and hospitals must be borne by the student. Regular students at Cortland who are enrolled in the Student Accident and Sickness Program are covered within the terms of their policies for medical and hospital care through August 31. The Student Health Center will be open daily Monday through Friday, from 9-11 a.m. and 1-3 p.m.

In case of emergency during the hours when the Student Health Center is not open the College physician can be reached by calling SK3-1995.

## Veterans' Benefits

To aid veterans in obtaining their benefits under federal laws, the College Office of Veterans Affairs works closely with the Veterans Administration, the College administration and the faculty.

All veterans who are planning to use the benefits of one of the federal programs (Public Law 894, 634, 815, 138, 358, or 361) during the summer sessions are urged to apply at an early date through their regional office of the Veterans Administration for authority to register at the State University College at Cortland. No trainee may receive any part of government benefits unless he has this authorization. All trainee rights under Public Laws 346, 16, 190 and 550 have expired.

Public Law 358 provides education for veterans who served on active duty with the armed forces after January 31, 1955. Those eligible include: a veteran who has served continuously on active duty for a period of at least 181 days, any part of which was after January 31, 1955, and who was discharged or released under conditions other than dishonorable; or a veteran who served less than 181 days who was discharged or released because of service-connected disability.

Public Law 634, passed October 15, 1956 and known as the War Orphan's Assistance Act, allows 36 months of training for children of veterans of World War I, World War II, or the Korean Conflict who died of a disease or injury



incurred or aggravated in line of duty in one of the three periods specified. The age range is from 18 to 23 years, and graduation from high school is required. An extension of Public Law 634, known as Public Law 361, now permits benefits to the children of living veterans, providing the parent has a total and permanent disability as a result of service in the United States Armed Forces.

The veteran must report to the College Veterans Office, Room 302, Miller Administration Building, during the registration period with his certificate of eligibility, VA Form 2151993A.

Veterans pay fees when due, as do all other students.

## The College Store

The College Store, located in Neubig Hall, sells textbooks and miscellaneous college supplies. Summer session hours of operation are 8:30 a.m. to 5 p.m., Monday through Friday.

## Placement Services

The function of the Placement Office is to assist students by providing information and assistance that will help in making an effective transition from college life to new endeavors. Services provided by this office are in the areas of teacher placement, graduate study, and employment opportunities in business, industry and at all levels of government. The staff is available for consultation to all students and alumni. The office also maintains a professional record for every graduate who completes the placement forms.

Seniors who are interested in registering with the Placement Office should complete their credentials during the first semester of the senior year. A list of opportunities for graduates is maintained as a service to interested students and the office also arranges on and off-campus interviews with potential employers. Graduates are required to pay a nominal service charge annually to remain active with this office.



## Library Facilities

The Cortland College Memorial Library is located near the center of the campus and has approximately 48,000 square feet of space providing for over 700 seats and 200,000 printed volumes. The library has a rapidly growing collection of over 160,000 printed and 55,000 microtext volumes as well as 10,000 reels of microfilm. It subscribes to more than 1,000 periodicals and newspapers. The Curriculum Center in Cornish Hall has 20,000 items among its holdings of professional methods sources, including the entire file of ERIC documents of educational research. The Ella Van Hoesen Campus School Library contains about 12,000 books and a selection of periodicals suitable for elementary and junior high school students. Reserve books may be taken from the Library after 4 p.m. on Friday but must be returned by 8 a.m. on the following Monday. A validated identification card is necessary to use the library facilities.

## The College Union

The College Union is a campus gathering point for social, cultural and recreation facilities which provide for billiards, ping pong, shuffle board and are the scene of many of the co-curricular programs, music and browsing areas, recreation facilities which provide for billiards, ping pong, shuffle board and bowling, meeting and function rooms and snack bar facilities.

An information service is provided in the entrance foyer where students may obtain answers to questions on activities and recreational activities both on and off the campus. The Union Information Desk also functions as a distribution point for bowling, theatre and picnic tickets.

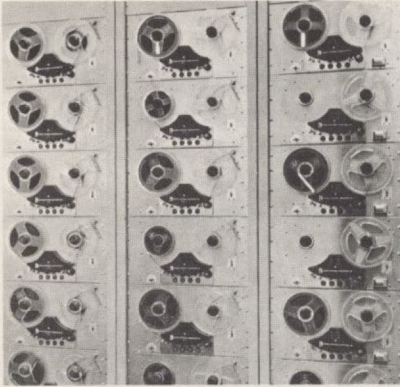
Arrangements may be made through the Office of the Director of College Unions for the services and facilities for any special events which individuals or groups may wish to sponsor.

## Social, Recreational and Sports Activities

Opportunities for recreation at Cortland are varied. In the past, the Union Program Committee has sponsored all-College picnics at Dwyer Memorial Park, dances, contract bridge and weekly student-faculty coffee hours in the academic buildings. The Health, Physical Education and Recreation Division maintains the pool for recreational swimming, sponsors golf and tennis tournaments and operates a check-out service in the Moffett Center where students may obtain golf, tennis and badminton equipment.

The Finger Lakes and six state parks within an hour's drive from the campus provide recreational possibilities for Cortland students.





*Foreign Language Laboratory*



## Cultural Activities

Last summer the Pacific String Trio and the Manhattan Baroque Ensemble were featured programs of the Union. For 1969, additional programs are being planned—lectures, exhibits and discussions.

Three summer theatre programs in the new Fine Arts Center are anticipated.

The Summer Sessions Calendar provides students with complete information on summer theatre productions at Syracuse, Corning and Cornell University, museums and galleries of interest in the area.

## Advisement on Campus

A student having an assigned adviser should make an appointment well in advance of the reservation date deadline to meet with his adviser to have his schedule of courses approved for the Summer Session.

Students having no adviser should report to, or call the Office of Summer Sessions for assignment to an adviser.

## **Student Parking**

Due to the large amount of construction under way on the College campus, student parking will be at a premium during the 1969 Summer Sessions. There is a large parking lot available for student use at College Field with the entrance located on Tompkins Street. Shuttle bus service will be provided to enable students to reach classroom buildings easily. Students intending to commute daily should make every effort to set up car pools. Students with physical disabilities who believe they should receive special attention should consult with the Security Office at the Service Building, 200 Tompkins Street. Traffic regulations similar to those in effect during the regular College year apply to the Summer Session.

## **Facilities of the College**

All facilities of the College, which serve over four thousand students during the regular academic year, will be available for the summer sessions. Thus classrooms, conference rooms, laboratories, housing units and food services will be provided in accord with the summer needs. The College will operate the Ella Van Hoesen Campus School so that students in the early stages of teacher preparation may observe and participate in the process of teaching.

In a summer session the most important facility is the faculty of competent educational leaders. The staff includes persons chosen from the regular College faculty and visiting professors who have been selected for a particular service. At Cortland, the summer staff members are generally available for counsel on problems that fall within their own areas of specialization.

## **State Education Department Summer Institutes**

This College has submitted a number of summer institute proposals to the State Education Department for its consideration. It will not be known which proposals will be accepted and sponsored by the State Education Department until March, 1969. Interested persons should contact the Conference Coordinator's Office in the Miller Administration Building at that time to obtain a listing of State Education Department summer institutes to be held at Cortland.

## **Undergraduate Accelerate Programs**

Students may elect to complete their regular four-year college course in three calendar years by attending three academic years and three summer sessions. The dean of the appropriate division of instruction determines eligibility to enter and to remain in any accelerate program.



# **Registration Procedures**

## **Summer Session—Reservation by Mail**

This summer it will be possible for students to reserve courses by mail. This option is open only to currently enrolled students or those who have previously attended Cortland. Full-time graduate and undergraduate students of the College at Cortland may go to the Summer Sessions Office, 101 Old Main, to pick up advanced reserved packets beginning April 21. (Fourth quarter student teacher assignees may pick up the reservation packets beginning April 14.) Reservation packets for currently enrolled students at Cortland must be signed by their adviser and returned to the Summer Sessions Office by Friday, May 9, to ensure class reservation.

All mail reservation packets of students, other than full-time graduate and undergraduate students currently enrolled at Cortland College, must be returned to the Summer Sessions Office no later than May 23, 1969, to allow adequate time for the Summer Sessions Office to process them. Registration for those students who reserved courses will be conducted Monday, June 30, from 9 a.m. to noon in Old Main Gymnasium. Parking will be at the College Field parking lot, with shuttle bus service every half hour beginning at 8:45 a.m.

## **Summer Session—Regular Registration**

Students who did not reserve classes by mail or who are ineligible to do so, will register on Monday, June 30, from 2 p.m. to 4 p.m. in Old Main Gymnasium. Parking will be at College Field with shuttle bus service every half hour beginning at 1:45 p.m.

Undergraduate students who are candidates for a degree at some other college and who wish to take courses at Cortland to be transferred to the other college, must present a statement from the dean of the college concerned at the time of registration. The statement will indicate the approval of courses to be taken. (See form on page 3.)

## **Post Session—Registration**

Registration for the post session will be on Monday, August 11, from 9 a.m. to noon in the Old Main Gymnasium.

## **Short Sessions—Registration**

Persons registering only in short sessions must register during one of the preceding registration periods.

## Division of Graduate Studies and Research

Graduate courses leading to the degree of master of science in education, the master of arts and master of arts in teaching are offered by the College at Cortland. Graduates from accredited colleges wishing to enroll in graduate courses should apply in person or by mail to the Office of Graduate Studies and Research, Miller Administration Building.

### Graduate Curricula

Curricula leading to the degree of master of science in education are offered in the following fields:

Elementary Education

Health Education

Physical Education

Recreation Education

Secondary Education in:

English, French, Mathematics, Social Studies,

Biology and General Science,

Chemistry and General Science,

Earth Science and General Science,

Physics and General Science,

Speech Education

Graduate courses leading to a degree of master of arts in the teaching of English and master of arts in English are offered by the College.

General requirements for each of the above curricula, with the exception of elementary education, teaching of English and master of arts in English, include:

Professional Education	6 semester hours
Specialization and Supporting Areas	18-20 semester hours
Electives	6- 8 semester hours

Several additional graduate curricula are in various stages of development. They may be approved and instituted during 1969-71. The following proposed curricula are in this category: M.S. in chemistry; M.S. in physics; M.A. and M.S. in psychology; and M.A. in German. Supplementary announcements to this catalog will be prepared as additional graduate curricula are approved and initiated.





It should be noted that admission to graduate study *does not* constitute candidacy for a graduate degree.

An intermediate reading knowledge of one relevant modern foreign language or one classical language is *desired* for entrance to the graduate program in English.

## Health Examination

All students possessing a baccalaureate degree who seek admission for the first time in degree or non-degree programs are required to have a medical examination before admission. This is recorded on a Health Examination Blank distributed by the Office of Graduate Studies and Research.

## Graduate Record Examination

Students pursuing a master's degree or fulfilling several certification requirements as instructed by the State Education Department must take the Graduate Record Examination (GRE) prior to admission and have the results of such examination on file.

Students who wish to enroll in a graduate course or special institute for reasons not directly concerned with the certification or degree program need not present the GRE scores. Such students are expected to have the bachelor of arts degree or its equivalent.

Students referred to in the preceding paragraph will be admitted to the College as special students in the Division of Continuing Education.

In all cases where graduate credit is desired, evidence (official transcripts) must be given of the possession of the bachelor's degree from an accredited college or university.

Applications for taking the Graduate Record Examination close about three weeks before the actual test date. Complete information about the Graduate Record Examination, including dates and places, may be obtained by writing to the Educational Testing Service, Box 855, Princeton, New Jersey 08540. This College administers the Graduate Record Examination on dates specified by the Educational Testing Service.

## Admission Procedures

Any application for admission to this College by a person who holds a baccalaureate degree from an approved college or university is processed by the Office of Graduate Studies and Research. This regulation applies to those seeking full or part-time enrollment for any reason—in degree programs, in certification programs or courses—and for courses taken for graduate or undergraduate credit.

### Admission to Graduate Study

Before one can be admitted to take courses for graduate credit, the following requirements must be fulfilled:

1. Possession of a baccalaureate degree from an approved institution of higher education with an appropriate background for the field of study;
2. Furnishing official transcripts of all college work, both graduate and undergraduate, to the Office of Graduate Studies and Research of the College;
3. A satisfactory record of academic achievement in undergraduate or graduate work determined by the Department or Division in which the student plans to study;
4. The completion and filing of the form, "Application for Admission to Graduate Study" furnished by the Office of Graduate Studies and Research;
5. The completion and filing of the form, "Health Examination" furnished by the Office of Graduate Studies and Research (the form must be completed by a physician);
6. The filing of scores of the Graduate Record Examination, both the aptitude and advanced sections, in the Office of Graduate Studies and Research. Complete information regarding the Graduate Record Examination, and the dates and places for the examination, should be requested from the Office of Graduate Studies and Research;
7. If the prospective student plans to take courses for certification in a teaching subject, and possesses a letter from the State Education Department outlining certification requirements, a copy of this letter should be furnished to the Office of Graduate Studies and Research.

After the preceding information is collected, it will be reviewed by the department or division in which the student is to study, and by the Dean of Graduate Studies and Research. This process usually takes from three to four weeks. The student then will be notified formally of the approval or disapproval of his application for admission to graduate study. If the student is approved, a graduate adviser will be assigned by the division dean or department chairman in which the student plans to do most of his study.



## Candidacy for a Graduate Degree

To become a "candidate" for a master's degree, the following must be accomplished:

1. Approval of the department of specialization;
2. Six academic hours of graduate study on campus with grades of A or B;
3. Satisfactory performance on the Graduate Record Examination including the Advanced Test;
4. And, in programs for the degree of master of science in education, and the degree of master of arts in teaching English which, on satisfactory completion, fulfill the requirements of permanent certification in the State of New York in the fields of study, the student *before* becoming a "candidate" for the degree must have fulfilled all requirements of *provisional* certification in New York State or equivalent in the specific field of study.

When the student has fulfilled Numbers 2, 3, and 4, he should complete the form "Application for Candidacy for the Master's Degree" (obtainable in the Office of Graduate Studies and Research) and give it to his graduate adviser for approval.

## Requirements for the Award of Master's Degrees

The following requirements have been established for the award of master's degrees:

1. A minimum quality-point average of 2.8 in all graduate work, including courses that may not be counted toward a master's degree.
2. No grade below "C" will be counted toward a master's degree.
3. A minimum of 15 semester hours must be taken in courses at the 600 level in a degree program.
4. At least 15 semester hours must be completed *after* official candidacy for a master's degree has been established.
5. All graduate work must be completed on the campus at Cortland with the possible exception of a maximum of 8 semester hours which may be approved by this College for transfer credit.
6. Satisfactory performance on a written comprehensive examination in the specific area of study is required. This examination may not be taken more than three times.
7. The final 15 semester hours of graduate study and the comprehensive examination must be completed during the three years immediately preceding the award of the master's degree.
8. The master's degree program shall include a minimum of 30 or 32 semester hours of graduate study (depending upon the specific program

of study) approved by the department of specialization and the Office of Graduate Studies and Research.

9. A thesis prepared under the guidance of the department of specialization and subject to the standards set by the Office of Graduate Studies and Research may be substituted for six semester hours of the required program.
10. A graduate degree program must be completed within five years after the establishment of candidacy for the degree.

### Additional Requirements for the Award of Specific Master's Degrees

*The Master of Arts in the Teaching of Secondary English; The Master of Arts in English; and The Master of Science in Education (Secondary English)*

- A. Number 3, mentioned previously, is waived for students completing the master of arts in the teaching of secondary English program consecutively in one summer and two semesters.
- B. An intermediate reading knowledge of one relevant modern language or one classical language is desired for entrance to the program, and must be demonstrated before the completion of the student's graduate work unless he has shown this competency within a five-year period prior to admission. Candidates may submit their undergraduate records to show that they have achieved this competency within the prescribed period.
- C. Requirements for the degree include submission of two course papers, one of them written for an English course, and recommended by instructors for fulfillment of this requirement. These papers must be presented to the chairman of the English department for acceptance at least four weeks before Commencement.

### Completion of a Degree Program

When a graduate degree program is presumed to be completed, the student's adviser will recommend to the Dean of Graduate Studies and Research the approval for the award of the degree.

Graduate degrees are awarded at the annual Commencement in June. The degree candidate list is prepared in March, and it is the student's and the adviser's joint responsibility to see that all eligible persons are placed on the list.



## **Advisement of Graduate Students**

Each student is assigned an adviser who is appointed jointly by the Office of Graduate Studies and the department of specialization. The adviser must give prior approval for any course that is to be used in fulfilling the requirements for the graduate degree. In the event an adviser is not available the student should confer with the dean of the division in which the program falls. All inquiries and correspondence relative to courses and curricula should be directed to the adviser. All other correspondence should be sent to the Dean of Graduate Studies and Research.

## **Assistantships**

Graduate Assistantships are available in the various disciplines for a few, well-qualified, full-time students. Assistants will be awarded approximately \$2,000 per college year plus tuition waiver. Applications for assistantships must be received no later than March 1 for the following academic year. Application forms may be obtained from the Office of Graduate Studies and Research.

## **Cumulative Average**

All students taking courses for graduate credit are required to maintain a minimal 2.8 cumulative average in order to continue in graduate work. The master's degree will not be awarded to students having less than a 2.8 average for all graduate work taken.

## **Dismissal**

A student registered in the Division of Graduate Studies and Research will be dismissed from the Division and further study if a minimal accumulative average of 2.8 is not being maintained in graduate and/or undergraduate work. Notification of dismissal will come in writing from the Dean of Graduate Studies and Research.

## **Change of Graduate Status or of Graduate Curriculum**

A student who wishes to change his status from non-degree to degree status or vice versa must receive the approval of the department which supervises his graduate work. A form for this transfer is available in the Office of Graduate Studies and Research.

Similarly, a student wishing to transfer from one graduate curriculum to another must be approved by the department supervising the curriculum to which he wishes to transfer. A form for this transfer is available in the Office of Graduate Studies and Research.



## Undergraduate Students in Graduate Courses

Undergraduate students of this College, with the approval of their advisers, may take courses carrying graduate credit during their *last* semester of undergraduate study. However, the total undergraduate and graduate load may not exceed 16 semester hours during a semester or eight semester hours during a six-week summer session. Approval for graduate study for undergraduate students will be given only in exceptional cases. An accumulative grade-point average of 2.5 or better usually is required for this approval. Students desiring such enrollment in graduate courses should complete a form, designed specifically for this purpose, which is obtainable in departmental offices.

Students are warned that graduate credits earned in this manner *may* or *may not* be transferable toward meeting the requirements for a master's degree at another institution.

## Graduate Curricula

The graduate curricula described on the next pages are subject to change at any time by official action of the State University at Cortland.



## GRADUATE CURRICULUM IN ELEMENTARY EDUCATION

*(For those having an adequate undergraduate preparation in professional education)*

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

*15-20 semester hours*

An advanced course in the historical, philosophical or social foundations of education (Educ 671, 672, or 673) (3 sem. hrs.)

Professional concentration — one area: (12 sem. hrs.)

Curriculum and Instruction; Historical, Philosophical, Social Foundations; Reading (9 sem. hrs. must be at 600 level)

#### *Electives in Academic Areas*

*12-17 semester hours*

A total of 30 semester hours of undergraduate and graduate work must be earned in one of the following: English; fine arts; mathematics; sciences; social studies; 6 semester hours, at least, must be at the graduate level.

*Comprehensive Examination Is Required.*

## GRADUATE CURRICULUM IN ELEMENTARY EDUCATION

*(For those having little or no undergraduate preparation in professional education)*

### Master of Science in Education

A total of 32 semester hours of approved graduate study is required for the degree of master of science in education.

*Liberal Arts (in undergraduate and graduate work) 90 semester hours*

Must include 12 semester hours in each of the following:

the humanities

the natural sciences and mathematics

the social sciences

In addition, a minimum of 30 semester hours of study (at least 6 semester hours of which must be in graduate level courses) in a department or a planned interdepartmental program of liberal arts studies.

*Professional Education*

*14 semester hours*

Student teaching (Educ 490)

This course is in addition to the 32 semester hours required for the degree of master of science in education, and will not count for graduate credit.

Completion of a minimum of 26 semester hours of study in professional education to include:

Social, philosophical, and historical foundations of education  
(3 sem. hr.)

Educational and developmental psychology (6 sem. hr.)

Instructional methods and materials including Educ 526  
(9 sem. hr.)

Chosen from and in addition to the three requirements above, or additional supervised instructional experience. (8 sem. hr.)

*Comprehensive Examination Is Required*



## GRADUATE CURRICULUM IN ENGLISH

### Master of Arts

A total of 30 semester hours of approved graduate work is required for the degree of master of arts in English.

#### *English*

*30 semester hours*

Group A — two of three courses: Eng 530: Chaucer; Eng 539:

Milton; Eng 636: Seminar in Shakespeare (6 sem. hr.)

Group B — one of two courses: Eng 401: Introduction to Language Study, or Eng 500: Medieval English (3 sem. hr.)

Eng 672: Theories of Literary Criticism (3 sem. hr.)

Eng 680: Bibliography and Methods of Literary Research

Electives in English under advisement, to ensure, in conjunction with the student's undergraduate program, adequate distribution of courses over the fields of English and American Literature (16 sem. hr.)

#### *Language Requirement*

An intermediate reading knowledge of one relevant modern foreign language or one classical language must be demonstrated before the completion of the student's graduate work unless he has shown this competency within a five-year period prior to admission. Candidates may submit their undergraduate records to show that they achieved this competency within the prescribed period.

#### *Course Papers*

Requirements for the degree include submission of three course papers. These papers will have been written for two different instructors in English and recommended by them for fulfillment of this requirement. These papers must be submitted to the chairman of the Departmental Graduate Committee for acceptance at least four weeks before Commencement. With special permission, a student may submit an equivalent piece (or pieces) of independent work.

#### *Comprehensive Examination*

The student must complete satisfactorily a Departmental Examination in English and American Literature and selected literature in translation. A reading list will be provided. This examination may not be taken more than three times.

## GRADUATE CURRICULUM IN SECONDARY EDUCATION IN ENGLISH

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

*6 semester hours*

Seminar in the Teaching of Secondary English (3 sem. hr.)

An advanced course in the social or psychological foundations of education (3 sem. hr.)

#### *English and Supporting Areas*

*18-20 semester hours*

Studies in Chaucer or in Milton (3 sem. hr.)

Seminar in Theories of Criticism (3 sem. hr.)

History of the English Language, or Introduction to Language or Medieval English (3 sem. hr.)

Electives in English (9-11 sem. hr.)

#### *Electives*

*6-8 semester hours*

#### *Language Requirement*

Competency at the intermediate level in a modern foreign language or a classical language. Two years of undergraduate or equivalent study meets this requirement.

#### *Comprehensive Examination Is Required*



## GRADUATE CURRICULUM IN THE TEACHING OF SECONDARY ENGLISH

### Master of Arts in Teaching Secondary English

A total of 36 semester hours of approved graduate work is required for the degree of master of arts in teaching secondary English.

#### *Professional Education*

**19 semester hours**

Psychological foundations of secondary education	(3 sem. hr.)
Social, historical, or philosophical foundations of education	(3 sem. hr.)
Elective in the social, philosophical, or psychological foundations of education	(3 sem. hr.)
Methods of teaching English in the secondary schools	(3 sem. hr.)
Reading in the secondary schools	(2 sem. hr.)
Student teaching in secondary English*	(6 sem. hr.)

#### *English*

**12 semester hours**

At least 6 semester hours of courses numbered in the 600 range, including Bibliography and Methods of Literary Research, are required.

#### *Electives*

**5 semester hours**

#### *Language Requirement*

An intermediate reading knowledge of one relevant modern foreign language or one classical language must be demonstrated before the student's completion of graduate work unless he has shown this competency within a five-year period prior to admission. Applicants for graduate study may submit their undergraduate records to show that they have achieved this competency within the prescribed period.

#### *Course Papers*

Requirements for the degree include submission of two course papers, one of them written for an English course, and recommended by the instructors for fulfillment of this requirement. These papers must be presented to the Chairman of the Departmental Graduate Committee for acceptance at least four weeks before Commencement.

#### *Comprehensive Examination Is Required*

\*An internship carrying 9 semester hours of credit is a possibility in place of student teaching.

## GRADUATE CURRICULUM IN SECONDARY EDUCATION IN FRENCH

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

*6 semester hours*

Seminar in the Teaching of Secondary Foreign Languages

*(3 sem. hr.)*

An advanced course in the social or psychological foundations of education

*(3 sem. hr.)*

#### *French and Supporting Areas*

*18-20 semester hours*

French Poetry

*(3 sem. hr.)*

French Fiction

*(3 sem. hr.)*

French Theater

*(3 sem. hr.)*

Independent Work

*(2-4 sem. hr.)*

Electives in French

*(5-9 sem. hr.)*

#### *Electives*

*6-8 semester hours*

*Comprehensive Examination Is Required*



## GRADUATE CURRICULUM IN HEALTH EDUCATION

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

<i>Professional Education</i>	<i>6 semester hours</i>
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Seminar in the Literature and Research of Health Education

(3 sem. hr.)

An advanced course in the social, historical, philosophical or psychological foundations of education

(3 sem. hr.)

<i>Health Education and Supporting Areas</i>	<i>18-20 semester hours</i>
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Health Education

(12-14 sem. hr.)

must include:

one course in curriculum development

(3 sem. hr.)

one course in evaluation or research

(3 sem. hr.)

In Supporting Areas

(6 sem. hr.)

A supporting area is one closely related to health education

<i>Electives in Academic Areas</i>	<i>6-8 semester hours</i>
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*Comprehensive Examination Is Required*

## GRADUATE CURRICULUM IN SECONDARY EDUCATION IN MATHEMATICS

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

**6 semester hours**

Seminar in the Teaching of Secondary Mathematics (3 sem. hr.)

An advanced course in social or psychological foundations of education (3 sem. hr.)

#### *Mathematics and Supporting Areas*

**18-20 semester hours**

Foundations of Mathematics (3 sem. hr.)

Symbolic Logic (3 sem. hr.)

Linear Algebra or Higher Algebra (3 sem. hr.)

Analysis\* (Advanced Calculus I must be included) (0-3 sem. hr.)

Geometry\* (2 courses) (0-6 sem. hr.)

Probability and Statistics\* (2 courses) (0-6 sem. hr.)

#### *Electives*

**6-8 semester hours**

#### *Comprehensive Examination Is Required*

\*Requirements so marked may be met in whole or in part in the undergraduate sequence.



## GRADUATE CURRICULUM IN PHYSICAL EDUCATION

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

*6 semester hours*

Seminar in the Literature and Research of Physical Education

*(3 sem. hr.)*

An advanced course in the social, historical, philosophical or psychological foundations of education

*(3 sem. hr.)*

#### *Physical Education and Supporting Areas*

*18-20 semester hours*

Physical Education

*(12-14 sem. hr.)*

Must include:

One course in curriculum development

*(3 sem. hr.)*

One course in evaluation or research

*(3 sem. hr.)*

No more than four credit hours in Activity Program Clinics (PE 525-PE 545) may be applied toward the master's degree requirements

In Supporting Areas

*(6 sem. hr.)*

A supporting area is one closely related to physical education

#### *Electives in Academic Areas*

*6-8 semester hours*

*Comprehensive Examination Is Required*

## GRADUATE CURRICULUM IN RECREATION EDUCATION

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

*6 semester hours*

Seminar in the Literature and Research of Recreation Education

*(3 sem. hr.)*

An advanced course in the social, historical, philosophical or psychological foundations of education

*(3 sem. hr.)*

#### *Recreation Education and Supporting Areas*

*18-20 semester hours*

Recreation Education

*(12-14 sem. hr.)*

Must include:

One course in curriculum development

*(3 sem. hr.)*

One course in evaluation or research

*(3 sem. hr.)*

No more than four credit hours in Activity Program Clinics (PE 525-PE 545) may be applied toward the master's degree requirements

In Supporting Areas

*(6 sem. hr.)*

A supporting area is one closely related to recreation education

#### *Electives in Academic Areas*

*6-8 semester hours*

#### *Comprehensive Examination Is Required*



## GRADUATE CURRICULUM IN SECONDARY EDUCATION IN SCIENCE

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

**6 semester hours**

Seminar in the Teaching of Secondary Science (3 sem. hr.)

An advanced course in the social or psychological foundations of education (3 sem. hr.)

#### *Sciences and Supporting Areas*

**18-20 semester hours**

History and Literature of Science (3 sem. hr.)

Seminar in the area of specialization selected from biology, chemistry, geology or physics (2 sem. hr.)

Electives in science (13-15 sem. hr.)

At least 6 semester hours must be taken in one area of biology, chemistry, geology or physics

#### *Electives*

**6-8 semester hours**

***Comprehensive Examination Is Required***

## GRADUATE CURRICULUM IN SECONDARY EDUCATION IN SOCIAL STUDIES

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

**6 semester hours**

Seminar in the Teaching of Secondary Social Studies (3 sem. hr.)

An advanced course in social or psychological foundations of education (3 sem. hr.)

#### *Social Studies and Supporting Areas*

**18-20 semester hours**

Seminar in area of concentration selected from economics, geography, history, political science or sociology (3 sem. hr.)

Seminar or workshop in a social science other than area of concentration (3 sem. hr.)

Electives in social sciences (12-14 sem. hr.)

Twelve semester hours must be taken in one area of economics, geography, history, political science or sociology

#### *Electives*

**6-8 semester hours**

***Comprehensive Examination Is Required***



## GRADUATE CURRICULUM IN SPEECH EDUCATION

### Master of Science in Education

A total of 32 semester hours of approved graduate work is required for the degree of master of science in education.

#### *Professional Education*

**6 semester hours**

- |   |              |
|---|--------------|
| Seminar in The Teaching of Speech   | (3 sem. hr.) |
| An advanced course in the social, psychological, philosophical or historical foundations of education | (3 sem. hr.) |

#### *Speech Education and Supporting Areas*

**18-20 semester hours**

- |   |   |              |
|---|---|--------------|
| ST 491-492  | History of the Theatre                    | (6 sem. hr.) |
| ST 497  | Great Speeches on Historic Issues         | (3 sem. hr.) |
| ST 498-499  | Rhetorical Theory                         | (6 sem. hr.) |
| ST 520  | Independent Study in Speech and Theatre   | (3 sem. hr.) |
| ST 673  | Seminar in Techniques of Drama            | (3 sem. hr.) |
| ST 680  | Problems in Speech Rehabilitation         | (3 sem. hr.) |
| Eng 435   | Shakespeare                               | (3 sem. hr.) |
| Eng 472   | Modern Drama                              | (3 sem. hr.) |
| Eng 636   | Seminar in Shakespeare                    | (3 sem. hr.) |
| Eng 655   | English Renaissance Excluding Shakespeare | (3 sem. hr.) |
| Eng 670   | Modern European Drama                     | (3 sem. hr.) |
| Total to include 6 semester hours in History of the Theatre, or Rhetorical Theory or Dramatic Literature. |   |              |

#### *Electives*

**6-8 semester hours**

*Comprehensive Examination Is Required*

## Short Sessions

NOTE: The courses listed below are being offered provisionally during the summer sessions and the College reserves the right to cancel any class in which the enrollment is less than ten students. It is possible that additional short courses will be scheduled after this catalog has gone to press.

Complete course descriptions will be found in the appropriate departmental listing in this catalog.

### Three-Week Sessions

Biol 515, PLANT TAXONOMY		
June 30 to July 19		
At Raquette Lake TBA		3 sem. hr.
HE 516, DRUG STUDIES		
June 30 to July 19	2:00- 5:00	3 sem. hr.
HE 582, SCHOOL NURSING I		
June 30 to July 19	9:00-12:00	3 sem. hr.
HE 583, SCHOOL NURSING II		
July 21 to August 9	9:00-12:00	3 sem. hr.
RE 568, OUTDOOR EDUCATION		
July 21 to August 9	TBA	3 sem. hr.
At Raquette Lake		

### Two-Week Sessions

PE 530, FOOTBALL CLINIC		
July 14 to July 26	2:00- 5:00	2 sem. hr.
PE 531, SOCCER CLINIC		
June 30 to July 12	2:00- 5:00	2 sem. hr.
PE 533, BASEBALL CLINIC		
July 21 to August 2	2:00- 5:00	2 sem. hr.
PE 536, GOLF CLINIC		
July 21 to August 2	12:00- 3:00	2 sem. hr.
PE 536, GOLF CLINIC		
July 21 to August 2	2:00- 5:00	2 sem. hr.
PE 572, DANCE IN THE SCHOOL PROGRAM		
June 30 to July 12	8:00- 5:00	2 sem. hr.





*Outdoor Education Center at Raquette Lake*

PE 575, MOVEMENT EDUCATION (ELEM.) July 14 to July 26	2:00- 5:00	2 sem. hr.
HE 471, DRIVER EDUCATION I August 4 to August 16	2:00- 5:00	2 sem. hr.
HE 515, WORKSHOP IN FAMILY LIFE July 21 to August 2	2:00- 5:00	2 sem. hr.
HE 584, FAMILY CASEWORK I June 30 to July 12	2:00- 5:00	2 sem. hr.
HE 585, FAMILY CASEWORK II July 21 to August 2	2:00- 5:00	2 sem. hr.

### One-Week Sessions

PE 512, Sec. I COMPARATIVE PHYSICAL EDUCATION July 21 to July 26	9:30-12:30	1 sem. hr.
PE 512, Sec. II COMPARATIVE PHYSICAL EDUCATION July 21 to July 26	2:00-5:00	1 sem. hr.

See division listings for course descriptions and call numbers.

# Description of Courses

## Summer Session

The following courses are being offered during the 1969 six-week summer session. The credit hours, call numbers, time schedule and duration of course are printed with the course descriptions. Refer to the summer sessions calendar on the inside cover of this catalog for specific dates of short sessions.

Courses are grouped by session and then by departments within divisions, with lower level courses listed first in order.

## Key to the Numbering System

Courses numbered from 100 to 399 are open to all undergraduate students. Courses numbered 400 to 599 are open to upper classmen and graduate students.\* (Only a limited number of hours at the 400 to 500 level can be credited toward a master of science degree. See catalog section on The Graduate Program.) Courses numbered 600 to 699 are open to graduate students only.

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\* Only courses at 400 level followed by a "g" (e.g., 422g) are open to graduate students.



# Summer Session — June 30-August 9

## DIVISION OF ARTS AND SCIENCES

### Art

#### Art 213: ART HISTORY II (3 sem. hr.)

Continuation of Art 212. Major developments from Renaissance Italy and Western Europe to twentieth century. Prerequisite: None.

Call: 10221 11-12:15

#### Art 221: DRAWING I (2 sem. hr.)

Introduction to methods and techniques of drawing. Series of basic graphic problems designed to develop visual perception. Prerequisite: None.

Call: 10721 12:30-2:30

#### Art 230: PAINTING I (2 sem. hr.)

Introduction to basic techniques and chief concepts of painting. Prerequisite: None.

Call: 10321 M-T-W-Th 9:30-11:30

#### Art 330: PAINTING II (2 sem. hr.)

Continuation of Painting I with emphasis on student's capacity to analyze and interpret his own creative efforts. Prerequisite: Art 230.

Call: 10921 M-T-W-Th 9:30-11:30

#### Art 420g: HISTORY OF PRINTS (3 sem. hr.)

Study of technical and artistic developments in printmaking from beginning in fifteenth century to present. Prerequisite: None.

Call: 11221 8-9:15

#### Art 430g: PAINTING III (2 sem. hr.)

Emphasis on individual inquiry and production. Prerequisites: Art 230 and 330.

Call: 11321 M-T-W-Th 9:30-11:30

#### Art 512: AMERICAN ART (3 sem. hr.)

Survey of art in America from 1620 to present. Special attention to influences that shaped this nation's art, together with the

contributions made. Prerequisite: None.

Call: 11421 9:30-10:45

#### Art 541: ART AND THE CHILD (3 sem. hr.)

Designed to provide competencies needed to develop and conduct program of art activities at elementary school level. Generally available only to upperclass and graduate elementary education majors. Cannot be taken to satisfy the Fine Arts concentration requirements. Prerequisite: None.

Call: 11721 8-9:15

### Biology

#### Biol 101: INTRODUCTORY ZOOLOGY (3 sem. hr.)

Basic laws, principles and theories of animal biology. Nature and interpretation of life; type studies of increasingly complex forms of animal life; man's application of biological discoveries. Lecture and lab combined. Prerequisite: None.

Call: 12521 8-10:30

#### Biol 437g: INDEPENDENT RESEARCH (2-3 sem. hr.)

Independent research for qualified seniors and graduate students by permission of the department chairman. Prerequisite: Twelve hours of biology.

Call: 13522 (2 sem. hr.) TBA  
13523 (3 sem. hr.)

#### Biol 438: SENIOR THESIS IN BIOLOGY (2-3 sem. hr.)

Independent investigation and written report of selected problem in biological research under supervision of a member of department. Completed paper to be presented at a colloquium. Limited to qualified seniors with an average of 3.0 or better in biology, chemistry and mathematics. May be taken for honors credit. Prerequisite: Biol 437 and consent of department chairman.

Call: 13722 (2 sem. hr.) TBA  
13723 (3 sem. hr.)

**Biol 509: GENERAL ECOLOGY** (3 sem. hr.)

Inter-relations of living things and their environment. Influence of climatic, physiographic and biological factors; plant and animal associations; distribution population ecology; habitat types. Lecture and lab combined daily. Prerequisites: One course each in zoology and botany; Biol 515 also recommended.

Call: 12821 8-10:45

**Biol 515: TAXONOMY OF VASCULAR PLANTS** (3 sem. hr.)

Morphological and phylogenetic bases of the classification of higher plants. Environmental relationships of local plants. Several extended field trips. Prerequisite: Biol 211 or permission of department. At Raquette Lake. Call: 13821 3 Weeks 6/30-7/19 TBA

**Biol 601: SEMINAR IN BIOLOGICAL RESEARCH** (3 sem. hr.)

Directed discussions and investigations by graduate students in topics of their choice. Meetings by arrangement. For graduate students in biology.

Call: 12721 TBA

**Biol 690: RESEARCH IN BIOLOGY (THESIS)** (3-6 sem. hr.)

Students will select a research project with departmental approval and work under supervision of a faculty member. Prerequisite: Biology major.

Call: 14123 (3 sem. hr.) TBA

14124 (4 sem. hr.)

14125 (5 sem. hr.)

14126 (6 sem. hr.)

## Chemistry

**Chem 121: ELEMENTARY CHEMISTRY I** (3 sem. hr.)

Basic concepts underlying chemical reactions. Application of chemical processes and materials to our lives. Not open to science or math majors. Lectures M-T-W-Th. Lab on alternate days beginning M-W-F.

Call: 15521 8-12:15

**Chem 451g: INTRODUCTORY BIOCHEMISTRY I** (3 sem. hr.)

Compounds and reactions of biological importance, amino acids, nucleic acids, proteins, lipids, carbohydrates, vitamins, enzyme systems, digestion, absorption and pathways of intermediary metabolism. Prerequisite: One semester of organic chemistry. (Chem 453g, Lab in Biochemistry, to be taken concurrently)

Call: 14821 8-9:15

**Chem 453g: INTRODUCTORY BIOCHEMISTRY LABORATORY I** (1 sem. hr.)

Laboratory practice with biochemical substances and experiments designed to illustrate chemical reactions which may occur in biological systems. Concurrent with Chem 451g. Lab on alternate days beginning T-Th. Call: 15021 9:30-12:15

## Economics

**Econ 200: INTRODUCTION TO ECONOMICS** (3 sem. hr.)

Introduction to study of economics. Attention directed to evolution of economic institutions, policies and thought.

Call: 15721 9:30-10:45

**Econ 690: WORKSHOP IN ECONOMICS** (3 sem. hr.)

Study and discussion of economic problems with special attention to the needs of social science research. Prerequisite: None.

Call: 15921 12:30-1:45

## English

Successful completion of (or exemption from) Eng 100 is prerequisite to all other courses in English. Successful completion of Eng 210 and 211 or Eng 270 and 271 is prerequisite to all advanced courses in literature. Students may take only one of these sequences in literature.



Eng 100: FUNDAMENTALS (3 sem. hr.)  
OF COMPOSITION

Study and practice of skills in writing, reading and documentation. Study of selected pieces of literature.

Call: 16121 12:30-1:45

Eng 270: INTRODUCTION (3 sem. hr.)  
TO LITERATURE I

Introductory course in critical reading and evaluation of short story and novel. Readings selected from literature of Western world. Required work in advanced composition based on literature studied.

Call: 16621 11-12:15

Eng 271: INTRODUCTION (3 sem. hr.)  
TO LITERATURE II

Introductory course in critical reading and evaluation of poetry and drama. Readings selected from literature of Western world. Required work in advanced composition based on literature studied. Prerequisite: Eng 270.

Call: 16421 11-12:15

Eng 355: MAJOR ENGLISH (3 sem. hr.)  
WRITERS TO 1780

Major English writers from Chaucer to Johnson, including Shakespeare, Donne, Milton, Swift, Pope, Fielding; poetry, prose, drama, novel.

Call: 17021 9:30-10:45

Eng 400g: THE GRAMMAR (3 sem. hr.)  
OF AMERICAN  
ENGLISH

Linguistic analysis of modern English in the light of current grammatical theories.

Call: 17321 9:30-10:45

Eng 435g: SHAKESPEARE (3 sem. hr.)

Dramatic effectiveness, structure, characterization and poetry in selected group of Shakespeare's plays.

Call: 17621 11-12:15

Educ 441: METHODS OF (3 sem. hr.)  
TEACHING ENGLISH IN  
SECONDARY SCHOOLS

Evaluation of methods and materials for teaching English in secondary schools. Professional literature on the teaching of linguistics, literature and rhetoric; communication and mass media. Directed observation and participation.

Call: 17721

Eng 445g: THE ROMANTIC (3 sem. hr.)  
AGE

Studies in some of the major writers of the Romantic period in England.

Call: 17821

Eng 463g: THE BIBLE AS (3 sem. hr.)  
LITERATURE

Readings in the Old and New Testaments with special attention to the dramatic, narrative and lyric qualities, and with attention to influence of the Bible on English literature.

Call: 18021 8-9:15

Eng 473g: MODERN (3 sem. hr.)  
EUROPEAN FICTION

Representative works of fiction, in translation, of selected modern continental European authors.

Call: 18221 8-9:15

Eng 539: MILTON (3 sem. hr.)

Milton's important poetry and prose.

Call: 18121 11-12:15

Eng 576: SPECIAL PROBLEM (3 sem. hr.)  
IN CANADIAN  
LITERATURE

Study of three major contemporary Canadian writers through the novels of Hugh MacClennan, Morley Callaghan and Marie Blais and an introduction to Canadian poetry through the use of A. J. M. Smith's *Anthology of Canadian Poetry*.

Call: 18421 11-12:15

Eng 601: HISTORY OF THE (3 sem. hr.)  
ENGLISH LANGUAGE

Prehistory of English: reconstructed Indo-European and Germanic. Historical survey of

sound and structural changes from 900 to present time with some attention to lexical borrowings.

Call: 18321 12:30-1:45

Eng 621: AMERICAN WRITERS OF THE TWENTIES (3 sem. hr.)

Literature of the 1920s in America in context of the cultural revolution of the period. Includes such writers as Fitzgerald, O'Neil, Sherwood Anderson, T. S. Eliot, H. L. Mencken and Hemingway.

Call: 18521 8-9:15

Eng 636: SEMINAR IN SHAKESPEARE (2 sem. hr.)

Representative problems in critical and scholarly examination of Shakespeare's plays. Prerequisite: Semester course in Shakespeare or consent of instructor.

Call: 18721 9:30-10:45

Eng 640: STUDIES IN ENGLISH LITERATURE 1600-1800 (3 sem. hr.)

Intensive study of a few important writings of two or three authors of the period comprising the Restoration and the eighteenth century.

Call: 18821 8-9:15

Educ 641: SEMINAR IN TEACHING OF SECONDARY ENGLISH (3 sem. hr.)

Study of significant curriculum patterns, practices and research in secondary English with opportunities for investigations based upon individual needs and interests. Not credited as basic methods course for certification.

Call: 18621 8-9:15

## Foreign Languages

Fren 201: INTERMEDIATE FRENCH I (3 sem. hr.)

Oral practice, review of grammatical structure, reading and discussion of French prose. Prerequisite: Fren 102 or two years of high school French or equivalent.

Call: 20521 11-12:15

Fren 508: SEMINAR IN FRENCH LITERATURE (3 sem. hr.)

Study of one or two major writers or works. Prerequisite: Consent of department.

Call: 20421 8-9:15

Span 232: INTERMEDIATE SPANISH II (3 sem. hr.)

Continuation of Span 231. Prerequisite: Span 231 or three years of high school Spanish or equivalent.

Call: 20221 11-12:15

## Geography

Geog 300: GENERAL GEOGRAPHY (3 sem. hr.)

Basic geographic principles through study of interplay of human activities and natural environment as it affects cultural and economic patterns. Prerequisite: None.

Call: 20921 9:30-10:45  
20922 11-12:15

Geog 301: INTRODUCTION TO GEOGRAPHY: PHYSICAL (3 sem. hr.)

Patterns of physical elements of the landscape, their interrelationships and how they differ from place to place. Prerequisite: None.

Call: 21121 8-9:15

Geog 516: POLITICAL GEOGRAPHY (3 sem. hr.)

Geographical foundations of international political phenomena; geographic factors in development and orientation of states and power blocs. Prerequisite: Introductory geography.

Call: 21521 8-9:15

Geog 640: SEMINAR IN GEOGRAPHIC TECHNIQUES—NEW DIRECTIONS IN GEOGRAPHIC EDUCATION (3 sem. hr.)

Intensive work in geographic techniques. Prerequisite: Nine hours of geography. May be repeated for credit with departmental approval.

Call: 21721 12:30-1:45



## Geology

Geol 161: ELEMENTARY (3 sem. hr.)

### EARTH SCIENCE

Materials of Earth, surface and near-surface processes and products. Elements of meteorology, astronomy and consideration of Earth as planet. Not open to Science, Geography or Mathematics majors. Prerequisite: None. Lab on alternate days beginning M-W-F.

Call: 21921

8-9:15  
Lab 1-3

Geol 162: ELEMENTARY (3 sem. hr.)

### HISTORICAL GEOLOGY

Evolution of continent of North America and of life through geologic time. Laboratory study of sedimentary processes, physiographic provinces of North America and invertebrate fossils. Prerequisite: Geol 161 or consent of department. Lab on alternate days beginning T-Th.

Call: 22021

11-12:15  
Lab 1-3

## History

Prerequisites: Six hours of study in Hist 100, 101 (American History) or Hist 111, 112 (European History) is prerequisite to all advanced study in the respective areas, unless the student receives the permission of the instructor.

Hist 100: AMERICAN (3 sem. hr.)  
HISTORY I

Origin and development of American institutions and ideals from discovery of the new world to close of the Reconstruction period. Prerequisite: None.

Call: 22521

8-9:15

Hist 101: AMERICAN (3 sem. hr.)  
HISTORY II

Continuation of Hist 100, stressing significant cultural, economic, political and social forces and problems in America from the Civil War to the present. Prerequisite:

Hist 100.

Call: 22721

9:30-10:45

Hist 111: EUROPEAN (3 sem. hr.)  
HISTORY II

From 1815 to present. Analyzes major political, social, economic and intellectual developments from Age of Metternich to the atomic age.

Call: 22821

9:30-10:45

Hist 157: HISTORY OF (3 sem. hr.)  
NEW YORK STATE

New York's colonial background, transition of the colony into statehood, and the economic, social and political events of the Empire State to the present time.

Call: 22221

12:30-1:45

Hist 401g: HISTORY OF (3 sem. hr.)  
MODERN GERMANY

Germany from 1815 to the present. The unification problem; domestic affairs under the monarchy. Weimar Republic, Third Reich and the post-war Germanies. Prerequisite: Hist 400 or consent of instructor.

Call: 22921

11-12:15

Hist 428g: AMERICAN (3 sem. hr.)  
CULTURAL  
HISTORY II

Twentieth century American culture as evidenced in historical thought, literature, jazz and classical music.

Call: 23821

8-9:15

Hist 440g: THE AMERICAN (3 sem. hr.)  
WEST

Different types of frontiers and the manner in which each has reacted upon the nation. Evaluation of current social, economic and political forces at work particularly in the regions of the Trans-Mississippi West, with emphasis on their relations to national and international problems.

Call: 23221

9:30-10:45

Educ 444: METHODS OF (3 sem. hr.)  
TEACHING SOCIAL  
STUDIES IN  
SECONDARY SCHOOLS

Call: 24921

8-9:15

Hist 447g: ISSUES IN (3 sem. hr.)  
AMERICAN HISTORY

Study of a series of selected historical issues, both domestic and foreign, with particular emphasis upon the changing nature of historical interpretation.

Call: 23121 11-12:15

Hist 451g: TOPIC IN HIS- (3 sem hr.)  
TORY: CULTURES  
OF ASIA

Study of selected national cultures of Asia with emphasis upon history, literature, religion, geography and sociology, and art, music and drama.

Call: 23021 9:30-10:45  
23022 11-12:15

Hist 451g: TOPIC IN (3 sem. hr.)  
HISTORY:  
CONTEMPORARY  
EUROPEAN  
PROBLEMS

Study of selected contemporary European problems with emphasis upon history, geography and sociology.

Call: 23621 12:30-1:45

Hist 604: THE UNITED (3 sem. hr.)  
STATES SINCE 1932

Recent American history; the New Deal; World War II; the Cold War; social, economic and intellectual trends.

Call: 24221 11-12:15

Hist 605: LEADERS IN (3 sem. hr.)  
AMERICAN HISTORY

Role of the individual in shaping of the American past. Study of personality, leadership and influence; an attempt to determine how individuals shape history and vice versa.

Call: 24421 9:30-10:45

Educ 644: SEMINAR IN (3 sem. hr.)  
TEACHING OF  
SECONDARY  
SOCIAL STUDIES

Study of selected problems in secondary school social studies curriculum and methods with opportunities for research based upon individual needs and interests. Not credited as basic methods course for certification. Pre-

requisite: Teaching experience or methods course in secondary social studies.

Call: 24921 8-9:15

Hist 649: SEMINAR IN (3 sem hr.)  
HISTORY

Guided research in selected topics: Pre-requisite: Consent of department.

Call: 25121 12:30-1:45

Hist 651: ADVANCED TOPIC (3 sem. hr.)  
IN HISTORY:  
WORLD WAR I AND  
EUROPEAN SOCIETY

Economic, social, diplomatic and political factors in the outbreak, course and aftermath of World War I. Prerequisite: Six semester hours of European History.

Call: 23421 8-9:15

## Mathematics

Math 102: INTRODUCTION (3 sem. hr.)  
TO MATHEMATICS II

Continuation of Math 101. Prerequisite: None.

Call: 25321 9:30-10:45

Math 143: INTRODUCTION (3 sem. hr.)  
TO STATISTICS

Basic concepts of probability and descriptive and inductive statistics; includes measures of central tendency and dispersion, frequency distributions, sampling, tests of hypotheses, correlation. Not open to students majoring in mathematics. Prerequisite: None.

Call: 25521 8-9:15

Math 260: ELEMENTS OF (3 sem. hr.)  
MODERN  
MATHEMATICS

Introductory topics of symbolic logic and set theory with applications from mathematical probability.

Call: 25821 8-9:15

Math 402g: ELEMENTARY (3 sem. hr.)  
MATHEMATICAL  
CONCEPTS

Concepts of mathematics basic to elementary school mathematics. Companion



course to Math 401, which is, however, not prerequisite. Principally for elementary teachers in-service. Not open to students majoring in mathematics.  
Call: 26221 11-12:15

**Math 470g: ALGEBRAIC STRUCTURES II** (3 sem. hr.)

Study of fields, vector spaces, matrices and linear transformations. Prerequisite: Math 370.  
Call: 26321 12:30-1:45

**Math 475g: ADVANCED SYNTHETIC GEOMETRY II** (3 sem. hr.)

Foundations of geometry, non-Euclidean systems, hyperbolic and elliptic geometries. Prerequisite: Math 375.  
Call: 26421 9:30-10:45

**Math 572: LINEAR ALGEBRA** (3 sem. hr.)

Further study of vector spaces and linear transformations, orthogonal transformations, the characteristic equation of a matrix, bilinear and quadratic forms. Prerequisite: Math 470.  
Call: 26721 9:30-10:45

**Math 580: HISTORY OF MATHEMATICS** (3 sem. hr.)

Backgrounds in origins and development of mathematics in various cultures of western civilization. Prerequisite: Math 225 or consent of department.  
Call: 26921 12:30-1:45

**Math 635: FUNCTIONS OF A REAL VARIABLE** (3 sem. hr.)

Study of real numbers of Dedekind's method; subsequent development of continuity, differentiation and Riemann-Stieltjes integral. Operations on series, functions, sequences and series, set functions, measure spaces: introduction to Lebesgue integral. Prerequisite: Math 326.  
Call: 27121 11-12:15

## Music

**Mu 111: FOUNDATIONS OF MUSICAL EXPRESSION I** (3 sem. hr.)

Basic theory of music; experiences in melodic, rhythmic and harmonic expression. Prerequisite: None.  
Call: 27321 8-9:15

**Mu 112: FOUNDATIONS OF MUSICAL EXPRESSION II** (3 sem. hr.)

Significant historical periods of music with attention given to styles, forms, composers and important representative compositions. Prerequisite: Mu 111.  
Call: 27521 9:30-10:45

**Mu 321: SYMPHONIC MUSIC** (3 sem. hr.)

Understanding and appreciation of great masterpieces of symphonic music. Studied in relation to general historical backgrounds, development of various forms and change in style of composition and musical expression. Prerequisite: Mu 112.  
Call: 27421 11-12:15

**Mu 522: MUSIC IN THE UNITED STATES** (3 sem. hr.)

Survey of music from time of Pilgrims to present with emphasis on development of distinctive American cultural tradition in music. Prerequisite: Mu 112.  
Call: 27621 12:30-1:45

## Philosophy

**Phil 200: INTRODUCTION TO THE PROBLEMS OF PHILOSOPHY I** (3 sem. hr.)

Problems and methods of philosophical inquiry through critical study of writings of classical and contemporary philosophers. Typical problems: grounds of moral obligation; logic of religious belief; nature of freedom; meaning of rational method; limits of knowledge; connections between society, language, the individual and truth. Prerequisite: None.  
Call: 28921 9:30-10:45

**Phil 210: INTRODUCTION TO LOGIC I** (3 sem. hr.)

Logical principles used in avoiding errors in inductive and deductive reasoning and in everyday discourse. Practice in applying these principles.

Call: 29021 12:30-1:45

## Physics

**Phys 141: ELEMENTARY PHYSICS I** (3 sem. hr.)

Noncalculus introduction to physics including selected topics in mechanics, heat and wave motion. Not open to majors in biology, chemistry, geology, mathematics or physics. Prerequisite: None. Lab on alternate days beginning M-W-F.

Call: 29321 9:30-10:45  
Lab 12:30-3:15

**Phys 420g: MECHANICS** (3 sem. hr.)

Statics and dynamics of a particle, systems of particles, rigid bodies, vibrating systems, and the application of Lagrange's equations. Prerequisites: Phys 251, Phys 252 and Math 325.

Call: 29421 8-9:15

## Political Science

**PS 250: INTRODUCTION TO GOVERNMENT I** (3 sem. hr.)

Study of framework and institutional elements of American government. Process and patterns of behavior in formulation and execution of public policies, including role of mass media and public opinion. Prerequisite: None.

Call: 27921 8-9:15

**PS 251: INTRODUCTION TO WORLD POLITICS** (3 sem. hr.)

Basic models of contemporary political systems and selected ideological systems such as institutions and values of democracies, totalitarian systems and developing nations. Prerequisite: None.

Call: 28121 9:30-10:45

**PS 351: AMERICAN POLITICAL PARTIES** (3 sem. hr.)

Organization, resources, tactics and roles of American political parties. Prerequisite: PS 250.

Call: 28221 11-12:15

**PS 569: SEMINAR IN INTERNATIONAL RELATIONS** (3 sem. hr.)

Analysis of selected problems in international relations. Prerequisite: PS 251 and 363.

Call: 28421 12:30-1:45

## Psychology

**Psy 101: GENERAL PSYCHOLOGY I** (3 sem. hr.)

Introduction to scientific study of behavior with emphasis on motivation, emotion, perception, learning, thinking, personality and individual differences. Prerequisite: None.

Call: 29921 9:30-10:45

**Psy 102: GENERAL PSYCHOLOGY II** (3 sem. hr.)

Introductory laboratory course in general psychology; experimental work in selected areas of psychology to illustrate basic research techniques. Prerequisite: Psy 101.

Call: 30121 12:30-1:45

**Psy 201: STATISTICAL METHODS IN PSYCHOLOGY** (3 sem. hr.)

Descriptive and inferential statistics; measures of central tendency, variability, correlation and selected parametric and non-parametric tests of significance.

Call: 30221 11-12:15

**Psy 231: CHILD PSYCHOLOGY** (3 sem. hr.)

Basic principles of child behavior and development. Prerequisite: Psy 101.

Call: 30321 8-9:15

**Psy 232: ADOLESCENT PSYCHOLOGY** (3 sem. hr.)

Physical, intellectual, emotional and so-



cial aspects of adolescent development and adjustment. Prerequisite: Psy 101.  
Call: 30521 12:30-1:45

Psy 322: THEORIES OF PERSONALITY (3 sem. hr.)

Theories of organization and development of personality. Prerequisites: Psy 101 and three additional hours in psychology.  
Call: 32421 12:30-1:45

Psy 332 EDUCATIONAL PSYCHOLOGY (3 sem. hr.)

Educational implications of psychological facts, principles and theories; human development; learning, evaluation and adjustment. Prerequisite: Psy 101.

Call: 30721 9:30-10:45  
30722 12:30-1:45

Psy 342: PSYCHOLOGY IN BUSINESS AND INDUSTRY (3 sem. hr.)

Psychological principles and methods applied to business and industrial problems. Prerequisite: Psy 101 and three additional hours in psychology.

Call: 30821 8-9:15

Psy 422g: SOCIAL PSYCHOLOGY (3 sem. hr.)

Individual behavior as function of interaction with social groups and social institutions. Prerequisite: Psy 101.

Call: 31521 9:30-10:45

Psy 500: ADVANCED CHILD PSYCHOLOGY (3 sem. hr.)

Advanced principles of child behavior and development. Prerequisite: Psy 231 or equivalent.

Call: 31721 11-12:15

Psy 501: ADVANCED EDUCATIONAL PSYCHOLOGY (3 sem. hr.)

Advanced study of psychological principles and theories related to education. Prerequisite: Psy 332 or equivalent.

Call: 31621 8-9:15

Psy 516: (3 sem. hr.)

Theories, data and principles of psychology applied to the classroom. Open only to graduate students who have not had child, adolescent, developmental or educational psychology. Prerequisite: Three hours of psychology or consent of department.

Call: 32321 11-12:15

Psy 532: ADVANCED ADOLESCENT PSYCHOLOGY (3 sem. hr.)

Advanced principles of adolescent behavior and development. Prerequisite: Psy 232 or equivalent.

Call: 31921 8-9:15

Psy 600: ADVANCED CHILD STUDY (3 sem. hr.)

Review and critical analysis of psychological research literature dealing with child behavior. Prerequisite: Psy 500 or equivalent.

Call: 32021 11-12:15

Psy 618: PRINCIPLES AND APPLICATIONS OF EDUCATIONAL PSYCHOLOGY (3 sem. hr.)

Selected research literature dealing with learning theory and its educational applications. Prerequisites: Psy 332 and 501 or equivalent.

Call: 32221 9:30-10:45

## Sociology-Anthropology

Anth 200: INTRODUCTION TO ANTHROPOLOGY (3 sem. hr.)

Human and cultural evolution emphasizing culture, technology and artifacts of pre-literate society. Prerequisite: None.

Call: 33121 9:30-10:45

Soc 250: INTRODUCTION TO SOCIOLOGY (3 sem. hr.)

Social structure and basic human institutions, including analysis of social processes and major social forces. Prerequisite: None.

Call: 33021 8-9:15

33022 11-12:15



**Soc 455g: SOCIOLOGY OF LEISURE** (3 sem. hr.)

Examines history and growth of leisure and relation of leisure and culture. Prerequisite: Soc 250.  
Call: 79021 9-30-10:45

**Soc 470g: MARRIAGE AND THE FAMILY** (3 sem. hr.)

Study of courtship, marriage, parenthood and the family within an institutional framework. Prerequisite: Soc 250.  
Call: 33221 9-30-10:45

**Soc 471g: COLLECTIVE BEHAVIOR** (3 sem. hr.)

Elementary forms and mechanisms of collective dynamics; crowd, public and mass; fads, fashions and social movements in contemporary society. Prerequisite: Soc 250.  
Call: 33321 11-12:15

**Soc 472g: CRIMINOLOGY AND JUVENILE DELINQUENCY** (3 sem. hr.)

Generic processes of criminal and delinquent behavior; nature, extent, treatment and prevention. Prerequisite: Soc 250.  
Call: 33421 12:30-1:45

**Soc 486g: MASS SOCIETY** (3 sem. hr.)

Development of mass culture and mass society; analysis of contemporary literature dealing with mass culture. Prerequisite: Soc 250.  
Call: 33521 12:30-1:45

**Soc 498g: SEMINAR IN SOCIOLOGY—URBAN STUDIES** (3 sem. hr.)

Theoretical and empirical analysis of a general sociological problem and its implications for development of the discipline. Prerequisite: Nine hours of sociology and/or anthropology.  
Call: 32521 8-9:15

tions for development of the discipline. Prerequisite: Nine hours of sociology and/or anthropology.  
Call: 32521 8-9:15

## Speech-Theatre

**ST 101: FUNDAMENTALS OF SPEAKING** (3 sem. hr.)

Public speaking; research, synthesis, organization and presentation of ideas. Special help on voice and diction, if needed, by assignment to speech clinic.  
Call: 33921 8-9:15

**ST 151: PRINCIPLES OF THEATRE ARTS I** (3 sem. hr.)

Survey of form, media and content of theatre arts.  
Call: 34121 9-30-10:45

**ST 482g: SPEECH PROBLEMS OF THE CHILD** (3 sem. hr.)

Orientation of classroom teacher to special needs of pupils; study of major speech problems encountered in class and extracurricular activities; recognition of articulatory, vocal and rhythmical disorders; observation of rehabilitation procedures. Two hours of theory, one hour practice in children's clinic. Prerequisite: None.  
Call: 34221 8-9:15

**ST 660: SEMINAR IN THE TECHNIQUES OF THEATRE** (3 sem. hr.)

Study of selected problems in area of drama and theatre. Prerequisite: Six hours study at 400 level in area of drama and theatre or permission of instructor.  
Call: 34521 11-12:15



## DIVISION OF EDUCATION

### Educ 291: INTRODUCTION (3 sem.hr.) TO TEACHING

Orientation to major aspects of the teaching-learning process and curriculum organization of the elementary school. Prerequisite: Educ 100 or equivalent. (Laboratory experience required—this is done daily for three weeks through Campus School observations.)

Call: 40121 8-9:15  
Campus School Lab: 9:30-10:45  
11-12:15

### Educ 391: INTRODUCTION (3 sem. hr.) TO SECONDARY EDUCATION

Orientation to major aspects of the teaching-learning process and curricular organization of the secondary school. Laboratory experiences including observation of secondary schools. Prerequisite: None.

Call: 40321 8-9:15

### Educ 471: FOUNDATIONS (3 sem. hr.) OF EDUCATION

Social, historical and philosophical foundations of modern education. Prerequisite: None.

Call: 40721 9:30-10:45  
Call: 40722 12:30- 1:45

### Educ 520: AUDIOVISUAL (3 sem. hr.) EDUCATION

Acquaintance with nature and value of audiovisual aids; preparation of materials and use of machines in classroom instruction. Laboratory period required. Not open to students credited with Educ 420. Prerequisite: Student teaching or equivalent.

Call: 41921 11-12:15

### Educ 521: ELEMENTARY (3 sem. hr.) SCHOOL LAN- GUAGE ARTS

Guiding child's language development in written and oral communication. Prerequisite: Student teaching or equivalent.

Call: 42121 8-9:15

### Educ 522: ELEMENTARY (3 sem. hr.) SCHOOL MATHEMATICS

Covers objectives and content of the arithmetic program of elementary school with emphasis on methods and materials. Prerequisite: Student teaching or equivalent.

Call: 42221 9:30-10:45

### Educ 524: ELEMENTARY (3 sem. hr.) SCHOOL SOCIAL STUDIES

Objectives, methods, materials, evaluation and relationship of social studies to other curricular areas. Prerequisite: Student teaching or equivalent.

Call: 42321 12:30-1:45

### Educ 526: ELEMENTARY (3 sem. hr.) SCHOOL METHODS AND MATERIALS

For teachers with little or no experience in regular program of elementary school. Daily work with children: observation, participation and teaching followed by critical evaluation. Prerequisite: Student teaching or equivalent. Student must take one lab concurrently with lecture.

Call: 42521 8- 9:15  
Campus School Lab: 9:30-10:45  
11-12:15

### Educ 529: ELEMENTARY (3 sem. hr.) SCHOOL READING

Concepts of developmental reading emphasized. Current trends and research studies analyzed. No teaching experience required. Prerequisite: None.

Call: 42721 SECTION I 8- 9:15  
42722 SECTION II 11-12:15

### Educ 549: READING IN THE (3 sem. hr.) SECONDARY SCHOOLS

Methods, materials and testing programs to improve reading skills and develop high school students' literary appreciation. Prerequisite: None.

Call: 43521 9:30-10:45

**Educ 586: PATTERNS OF  
ELEMENTARY  
SCHOOL OR-  
GANIZATION** (3 sem. hr.)

Critical analysis of current trends in elementary school organization. Historical development, sociological and psychological underpinnings, grouping procedures and teaching strategies employed in nongrading, dual progress, team teaching, individualized instruction, and middle schools will be scrutinized in depth. Prerequisite: None.

Call: 44721 11-12:15

**Educ 610: DIAGNOSIS,  
REMEDIAL TREAT-  
MENT IN ELEMENTARY  
SCHOOL MATHEMATICS** (3 sem. hr.)

Study of courses of disabilities in Elementary School Mathematics, diagnostic techniques and remedial procedures. Prerequisite: Consent of instructor.

Call: 44821 12:30-1:45

**Educ 639: ANALYSIS AND  
CORRECTION  
OF READING  
DIFFICULTIES** (3 sem. hr.)

Comprehensive survey of methods, materials and research. Preparation of kit for use in analyzing difficulties. For teachers, reading consultants and supervisors. May be taken concurrently with Laboratory in Corrective Reading. Prerequisite: Educ 529 or equivalent.

Call: 44921 8-9:15

**Educ 650: EVALUATION IN  
THE ELEMENTARY  
SCHOOL** (3 sem. hr.)

Measurement and evaluation of pupils and curriculum. Prerequisite: None.

Call: 45121 8-9:15

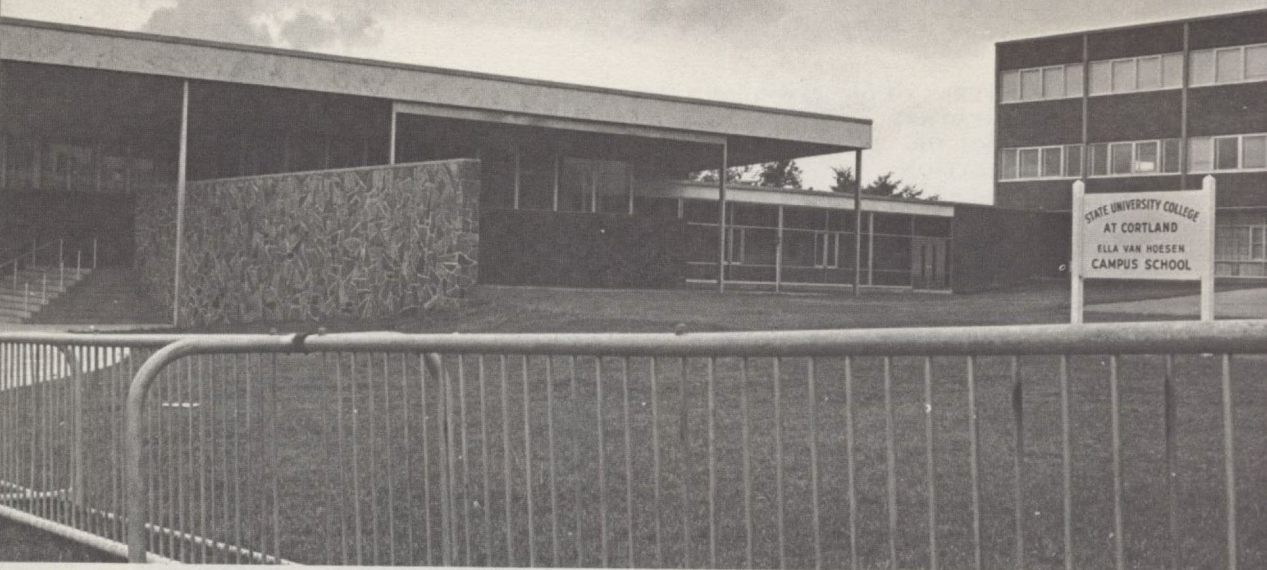
**Educ 660: ELEMENTARY  
SCHOOL CURRICULUM** (3 sem. hr.)

Critical examination of elementary school curricula including design, organization, implementation, evaluation and ways of effecting curriculum change. Prerequisite: None.

Call: 45721 11-12:15







**Educ 666: CURRICULUM CONSTRUCTION (3 sem. hr.)**

Principles, practices and issues underlying construction of curriculum for elementary school. Examination and analysis of selected programs.

Call: 45821 9:30-10:45

**Educ 671: PHILOSOPHY OF EDUCATION (3 sem. hr.)**

Analysis of major philosophical positions which underlie contemporary American education. Prerequisite: None.

Call: 45921 8- 9:15  
45922 11-12:15

**Educ 672: HISTORY OF EDUCATION (3 sem. hr.)**

Development of education from primitive times to present with emphasis on education in American culture. Prerequisite: None.

Call: 46121 9:30-10:45  
46122 12:30- 1:45

**Educ 673: SOCIAL FOUNDATIONS OF EDUCATION (3 sem. hr.)**

Analysis of role and basic issues of education in contemporary American society. Prerequisite: None.

Call: 46321 8- 9:15  
46322 11-12:15

**Educ 678: SUPERVISION OF ELEMENTARY EDUCATION I (3 sem. hr.)**

Objectives and concepts of supervision, organization of supervisory programs and techniques of supervision. Prerequisite: Three years of public elementary school teaching.

Call: 46521 9:30-10:45

**Educ 680: ELEMENTARY SCHOOL PRINCIPALSHIP I (3 sem. hr.)**

School organization, role of administrator, school management, legal and financial aspects of public education. Prerequisite: Three years of public elementary school teaching.

Call: 46721 12:30-1:45

**Educ 694: LABORATORY IN CORRECTIVE READING (3 sem. hr.)**

Student to analyze needs of a pupil and work with him daily under supervision of laboratory director. Emphasis on development and evaluation of techniques for classroom situations. For teachers, reading consultants and supervisors. Prerequisite: Educ 639—which may be taken concurrently—or consent of department. Lecture and lab combined daily.

Call: 47521 9:30-12:15



## DIVISION OF HEALTH, PHYSICAL EDUCATION AND RECREATION

### Health Education

**HE 471: DRIVER AND (2 sem. hr.)  
TRAFFIC SAFETY  
EDUCATION I**

For instructors of driver education in the high school covering organization and supervision, teaching methods, teaching aids, use of psychophysical tests, skill tests. Driving experience and New York State Operator's License required. Under present State regulations only teachers with secondary school certificates can be employed as teachers of driver education. Course requires 60 clock hours of work. Prerequisite: None. (Registration will be held on Aug. 4—from 9:00-11:00 in Summer Session Office—Room 101, Old Main. Call: 70958 Two Weeks 8/4-8/16 2:00-5:00

**HE 481: CASE STUDIES— (2 sem. hr.)  
SCHOOL HEALTH  
SERVICE**

Introduction to social work dealing with health service personnel's approach to the family, compiling data, histories and case reports; use of voluntary and official organizations in coordinating the work of the school in general health service. For dental hygiene students only. Prerequisite: None. Call: 71221 11-11:50

**Educ 496: STUDENT TEACH- (8 sem. hr.)  
ING IN HEALTH  
EDUCATION**

Opportunity for experiences and experimentation in a total school situation through apprentice teaching in a school system designated by the College. Supervision by master teacher makes this experience part of continuing education of student. Observation, participation and practice for the student teacher in the campus and in cooperating schools. Prerequisite: Educ 426. Call: 71421 TBA

**HE 313: MENTAL AND (3 sem. hr.)  
EMOTIONAL HEALTH**

Mental hygiene of the normal individual with a detailed analysis of factors underlying maximum effective personality development and adjustment. Personality aberrations introduced only as essential to a more comprehensive understanding of the normal. Prerequisite: None. Call: 70121 11-12:15

**Educ 426: METHODS AND (3 sem. hr.)  
MATERIALS OF  
HEALTH  
INSTRUCTION**

Study of various methods of teaching in schools; evaluation and use of textbooks, audiovisual devices and other supplementary health education materials. Curriculum construction also considered. Observation and participation in Campus School health instructional program included. Prerequisite: Consent of instructor. For non-health majors. Call: 70521 8-9:15

**HE 440: FIELD WORK IN (8 sem. hr.)  
HEALTH**

Devoted to the application of knowledge gained in theory courses to a practical community health program. Includes observation of, and participation in, functions of official and non-official health agencies. May require residence in any part of the state at student's expense. Prerequisite: HE 499. Call: 70621 TBA

**HE 442: HEALTH OBSERVA- (2 sem. hr.)  
TION OF SCHOOL  
CHILDREN**

To familiarize student with methods of physical inspection, commonly occurring school health problems and relationships of teaching staff to health service personnel. Prerequisite: None. Call: 70721 8-8:50



**HE 510: CURRENT DEVELOPMENTS IN HEALTH** (3 sem. hr.)

Intensive investigation into most recent developments in public health and preventive medicine.

Call: 71621 8-9:15

**HE 515: WORKSHOP IN MENTAL HEALTH** (2 sem. hr.)

To explore current problems in mental health, especially concerning school age children. Prerequisite: Permission of department.

Call: 71721 2 Weeks 7/21-8/2 2-5

**HE 516: WORKSHOP IN DRUG STUDIES** (3 sem. hr.)

(a) **DRUG ALCOHOL**

Pharmacological, physiological and psychological actions of alcohol. Investigation of alcoholism and attendant social, economic and medical problems.

(b) **DRUGS IN OUR SOCIETY**

Drugs, as a developing ecologic factor in society and their specific public health implications.

(c) **MAN'S USE OF TOBACCO**

Thorough study of man's use of tobacco, with emphasis on the psychological, economic and medical implications of smoking.

Prerequisite: Permission of department.

Call: 72121 3 Weeks 6/30-7/19 2-5

**HE 520: HEALTH ECONOMICS** (3 sem. hr.)

Intensive study of organization, distribution, costs, utilization and financing of health services.

Call: 72221 12:30-1:45

**HE 522: PROBLEMS IN SAFETY EDUCATION** (2 sem. hr.)

Study of school accidents, their causes and prevention. Opportunity for planning specific school safety curricula. Considers educational, administrative and legal aspects. Prerequisite: None.

Call: 72321 9:30-10:20

**HE 523: FOODS AND NUTRITION** (3 sem. hr.)

Basic course concerned with food selection as nutritional basis for healthful living. Includes analysis of nutritional needs at various age levels as well as study of recent research findings. Application of principles of nutrition also stressed. Independent study arranged with instructor.

Call: 72021 9:30-10:45

**HE 551: FAMILY AND SOCIAL HEALTH** (3 sem. hr.)

Examination of human relations during premarital period and marriage that contribute to successful family life. Special emphasis on health, psychological, medical implications of family life. Not open to students who have had HE 417 and/or HE 443. Independent study arranged with instructor.

Call: 73021 11-12:15

**HE 552: INDIVIDUAL HEALTH AND COUNSELING** (3 sem. hr.)

Consideration of those health concerns common to the individual with attention shown counseling techniques useful in helping an individual to better understand and face concerns of a physical and emotional nature. Required for Health Education majors. May be elected by others with consent of instructor. Independent study arranged with instructor.

Call: 72421 8-9:15

**HE 561: ORGANIZATION AND ADMINISTRATION OF SCHOOL HEALTH** (2 sem. hr.)

Role of classroom teacher, school nurse-teacher, and others in the development and implementation of the total school health curriculum. Includes consideration of problems in selection and use of methods and materials for elementary and secondary levels. Prerequisite: None.

Call: 72721 12:30-1:20

**HE 565: ELEMENTARY SCHOOL HEALTH** (3 sem. hr.)

Effective functions of the teacher in elementary school health programs. Daily observation of pupils, unit development, coor-

dination and integration of teaching and administrative aspects of school health education at this academic level included.

Call: 72821 12:30-1:45

#### HE 582: SCHOOL NURSING I (3 sem. hr.)

Study of function and service of school nurse-teacher in family, school and community health. Responsibilities of school health service personnel, including supervision of illness-absentees, handling of records and reports and legal aspects of these functions. Various testing techniques and instruments of the profession. R.N. required. Prerequisite: None.

Call: 72921 3 Weeks 6/30-7/19 9-12

#### HE 583: SCHOOL NURSING II (3 sem. hr.)

Advanced course, having as a prerequisite School Nursing I or its equivalent. Includes new trends in school health services and deals with special problems in school nursing. Special areas where school nurse-teachers can make a contribution are explored. For school nurse-teachers only. R.N. required. Prerequisite: HE 582 or equivalent.

Call: 73121 3 Weeks 7/21-8/9 9-12

#### HE 584: FAMILY CASE WORK I (2 sem. hr.)

Study of health and related social problems of the family. Stresses exploration of activities of family-centered programs in community agencies. R.N. required. Prerequisite: None.

Call: 73321 2 Weeks 6/30-7/12 2-5

#### HE 585: FAMILY CASE WORK II (2 sem. hr.)

Observation of activities in community health agencies. Stresses importance of skills and techniques of professional personnel operating within framework of these programs. Includes study of interrelationships of various community agencies. R.N. required. Prerequisite: HE 584.

Call: 73521 2 Weeks 7/21-8/2 2-5

#### HE 605: INDIVIDUAL HEALTH EDUCATION PROBLEMS (1-2 sem. hr.)

Teachers with unique in-service problems consult and confer with specialists in their field. Effective practical solutions sought in terms of local situations and school-community needs, interests and resources. Hours and credits to be arranged. Prerequisite: None.

Call: 73721 (1 sem. hr.)

73722 (2 sem. hr.)

TBA

#### HE 647: SEMINAR IN THE LITERATURE AND RESEARCH OF HEALTH EDUCATION (3 sem. hr.)

Thorough investigation and evaluation of basic and recent research and literature in health education.

Call: 73821 9:30-10:45

#### HE 679: CURRICULUM CONSTRUCTION IN HEALTH (3 sem. hr.)

Modern methods of curriculum construction based upon current theories of education applied to school health education. Opportunities given to work upon individual curriculum problems in any school level. Prerequisite: None.

Call: 73921 11-12:15

## Physical Education

#### PE 340: KINESIOLOGY (3 sem. hr.)

Analysis of muscular interrelationships in basic body movements; analysis and application of principles of mechanics as they relate to fundamental and complex motor skills in physical education activities. Prerequisite: Biol 301, Biol 302 or equivalent.

Call: 75421 8-9:30

#### PE 401: INTRAMURALS (2 sem. hr.)

Background and current trends in intramurals; planning, organization and administration of intramural activities in schools and colleges. Practice experience in conduct of College intramural program.

Call: 75021 12:30-1:20

#### PE 420: TESTS AND MEASUREMENTS (3 sem. hr.)

Nature and purpose of measurement in health and physical education. Considers and



evaluates available tests and provides practice in the administration of pertinent tests. Lectures and laboratory work. Prerequisite: Math 143.  
Call: 74721 11-12:30

**PE 445: PHYSIOLOGY (3 sem. hr.)  
OF EXERCISE**

Physiological adjustments and changes occurring in human organism as result of physical activity. Emphasizes physiology of muscular contraction and role of circulatory and respiratory systems in exercise. Lectures, recitation and laboratory work. Prerequisites: Biol 301 and Biol 302.  
Call: 74921 12:30-2

**PE 460: PHYSICAL (3 sem. hr.)  
EDUCATION FOR THE  
ATYPICAL**

Problems involved in adaptation of physical education to needs of individual who deviates from average or normal child in mental, physical or social characteristics. Practice in recognition of body deviations and physical disabilities; instruction in therapeutic exercise and adapted activities; characteristics of exceptional child with special emphasis on trainable and educable retarded child. Prerequisites: Biol 301 and Biol 302 or equivalent.  
Call: 75121 9:30-10:45

**PE 512: COMPARATIVE (1 sem. hr.)  
PHYSICAL EDUCATION:  
WORKSHOP IN SELECTED  
EUROPEAN PROGRAMS  
SECTION I**

Lecture and laboratory work; reading and discussion on contemporary physical education programs in selected European countries.  
Call: 80148 1 Week 7/21-7/26 9:30-12:30

**PE 512: COMPARATIVE (1 sem. hr.)  
PHYSICAL EDUCATION:  
WORKSHOP IN SELECTED  
EUROPEAN PROGRAMS  
SECTION II**

Lecture and laboratory work; reading and discussion on contemporary physical ed-

ucation programs in selected European countries.

Call: 80149 1 Week 7/21-7/26 2-5

**PE 521: ADVANCED (2 sem. hr.)  
ATHLETIC  
TRAINING**

Contemporary methods of conditioning and therapy. Emphasis upon protective measures, devices, equipment and clinical procedures. Analysis of function, organization and operation of athletic training room. Prerequisite: PE 421 or equivalent.  
Call: 75621 8-8:50

**Activity Program Clinics**

Clinics designed primarily for teachers requiring knowledge and practical application of recent and advanced teaching techniques and analysis of individual and group activity. Methods of organization, strategy, role of activity in school program.

**PE 530: PROGRAM CLINIC (2 sem. hr.)  
IN FOOTBALL**

Call: 75758 Two Weeks 7/14-7/26 2-5

**PE 531: PROGRAM CLINIC (2 sem. hr.)  
IN SOCCER**

Call: 75858 Two Weeks 6/30-7/12 2-5

**PE 533: PROGRAM CLINIC (2 sem. hr.)  
IN BASEBALL**

Call: 76058 Two Weeks 7/21-8/2 2-5

**PE 536: PROGRAM CLINIC (2 sem. hr.)  
IN GOLF**

Call: 75958 Two Weeks 7/21-8/2 12-3  
75959 Two Weeks 7/21-8/2 2-5

**PE 549: HUMAN PERFORM- (3 sem. hr.)  
ANCE AND SKILL  
LEARNING IN  
PHYSICAL EDUCATION**

Mechanisms, factors, principles, theories and hypotheses concerning motor skill learning and human performance in sports activities. Incorporates findings of psychology and physical education research in area of skill



learning. Stresses practical application to teaching.

Call: 76221 9:30-10:45

**PE 560: PHYSICAL EDUCATION FOR THE MENTALLY RETARDED CHILD (3 sem. hr.)**

Provides opportunity for teachers to study and understand nature and problems of mentally retarded child in physical education and recreation programs and objectives of public school curricula for mentally retarded.

Call: 76821 11-12:15

**PE 572: DANCE IN THE SCHOOL PROGRAM (2 sem. hr.)**

Graduate students may register for this course but must attend all 10 days of instruction from 8 a.m. to 5 p.m. to receive two semester hours graduate credit. Undergraduate physical education majors may register for any 1/2 credit dance course listed in the Summer Catalog under physical education activities. They must attend that course daily for the 10 instruction periods. Undergraduate non-major students may elect any one of the dance courses for 1/2 credit. Non-matriculated individuals may register for this course for no credit but will receive a certificate of attendance. The cost to these persons will be \$120 for the 10-day workshop. (See page 6) for list of physical education dance activities.)

Call: 76458 Two Weeks 6/30-7/12 8-5

**PE 573: PHYSICAL FITNESS OF THE INDIVIDUAL (2 sem. hr.)**

Explores problem of physical fitness as it confronts society today. Special emphasis placed upon helping class member to understand his own fitness status and to develop a program for physical fitness in school or professional situation.

Call: 76621 11-11:50

**PE 575: MOVEMENT EDUCATION (2 sem. hr.)**

"Movement" program in physical education. Current developments in Europe and United States. Programs and procedures at various grade and age levels. Special emphasis given to rhythms.

Call: 77221 2 Weeks 7/14-7/26 2-5

**PE 600: INDIVIDUAL PHYSICAL EDUCATION PROBLEMS (1-2 sem. hr.)**

Individual study project designed to permit teachers in service with unique problems to consult with specialists in their field. Effective practical solutions sought in terms of the needs, interests and resources of the local school and community. Hours and credit to be arranged. Prerequisite: Approval of instructor.

Call: 76721 (1 sem. hr.) TBA

76722 (2 sem. hr.)

**PE 601: RESEARCH IN HEALTH, PHYSICAL EDUCATION AND RECREATION (3 sem. hr.)**

Nature, scope, and methodology of research in education with emphasis on fields of health physical education and recreation. Prerequisite: None:

Call: 76921 8-9:15

**PE 603: STATISTICAL ANALYSIS (3 sem. hr.)**

Presentation of tools for analysis of descriptive and comparative statistics. Use of descriptive techniques for measurement and evaluation in physical education. Application of standard scores, correlation, single regression and probability or sampling statistics as comparative tools. Course designed to help student plan and carry out basic research in his own field.

Call: 77021 8-9:15

**PE 620: HISTORY OF SPORTS AND PHYSICAL EDUCATION (3 sem. hr.)**

Development of physical education and sports, emphasizing social, cultural and economic aspects.

Call: 77821 9:30-10:45

**PE 621: PSYCHOLOGY OF SPORTS AND PHYSICAL EDUCATION (3 sem. hr.)**

Study of psychological aspects of sports and physical education with special emphasis



upon the socio-psychological and socio-economic concepts.  
Call: 78121 11-12:15

**PE 640: SEMINAR IN THE (3 sem. hr.)  
LITERATURE AND  
RESEARCH OF PHYSICAL  
EDUCATION**

Thorough investigation and evaluation of basic and recent research and literature in physical education. Prerequisite: None.

Call: 77521 9:30-10:45  
77522 12:30-1:45

**PE 670: CURRICULUM (3 sem. hr.)  
CONSTRUCTION IN  
PHYSICAL EDUCATION**

Approaches to program planning applicable to student's local situation. Generally accepted education aims, objectives, philosophies and principles for curriculum construction included. Prerequisite: None.

Call: 77921 11-12:15

**PE 671: ELEMENTARY (3 sem. hr.)  
SCHOOL PHYSICAL  
EDUCATION PROGRAMS**

Trends in philosophy, content, methods and evaluation in elementary school physical education. Curriculum organization and integration of physical education and elementary education emphasized. Research evaluated and implications determined for use in planning and conducting programs. Prerequisite: PE 570 or equivalent.

Call: 78021 8-9:15

**PE 692: EVALUATION IN (3 sem. hr.)  
PHYSICAL EDUCATION**

Recent developments in measurement and evaluation in physical education. Role of measurement as aid in meeting objectives of physical education emphasized. Topics include classification of pupils and evaluation of pupil progress, equating for competition and determination of pupil status with respect to objectives. Prerequisite: PE 420 or consent of department.

Call: 78221 12:30-1:45

**PE 693-694: DIRECTORSHIP (4-4 sem. hr.)  
SEMINAR I AND II**

Seminar covering administrative problems confronting city and village directors of school physical education and related areas. Practical approach to duties and responsibilities of director, open to teachers with experience. Admission by application submitted to Dean of Health, Physical Education and Recreation. These courses cannot be counted toward a graduate degree.

Call: 78321 (PE 693—Section I) 8-Noon  
78322 (PE 693—Section II)  
78521 (PE 694—Section I)  
78522 (PE 694—Section II)

## Recreation Education

**RE 555: THE SOCIOLOGY (3 sem. hr.)  
OF LEISURE**

Examines history and growth of leisure and relation of leisure and culture. Contemporary problems of mass leisure and its relation to work, politics, economics and such basic human institutions as the family, church and community are examined. Also listed as Soc 455. Prerequisite: Soc 250.

Call: 79021 9:30-10:45

**RE 568: OUTDOOR (3 sem. hr.)  
EDUCATION**

Outdoor education and school camping as integral part of public education with suggested program materials for various age or grade levels. Implications and suggestions for school teachers, administrators and youth leaders in teaching principles and methods of democracy by living them in small group camp setting. Prerequisite: None. To be held at the Outdoor Education Center, Raquette Lake.

Call: 79158 Three Weeks 7/21-8/9 TBA

**RE 588: SCHOOL AND (3 sem. hr.)  
COMMUNITY  
RECREATION**

Special emphasis on school's twelve-month program to meet needs of all ages. Field problems analyzed and discussed. Major reports on school and community recreation situations, individual study required of each class member.

Call: 79221 8-9:15

## Physical Education Skills and Applied Techniques

### Dance Activities

PE 115: FOLK DANCE (1/2 sem. hr.)  
(Men-Major)  
Call: 94658 2 Weeks 6/30-7/12 9:30-10:45

PE 215: FOLK DANCE (1/2 sem. hr.)  
(Women-Major)  
Call: 94758 2 Weeks 6/30-7/12 9:30-10:45

PE 005: FOLK DANCE (1/2 sem. hr.)  
(Women-Non Major)  
Call: 94858 2 Weeks 6/30-7/12 9:30-10:45

PE 055: FOLK DANCE (1/2 sem. hr.)  
(Men-Non Major)  
Call: 94958 2 Weeks 6/30-7/12 9:30-10:45

PE 113: SQUARE DANCE (1/2 sem. hr.)  
(Men-Major)  
Call: 95058 2 Weeks 6/30-7/12 11-12:15

PE 213: SQUARE DANCE (1/2 sem. hr.)  
(Women-Major)  
Call: 95158 2 Weeks 6/30-7/12 11-12:15

PE 003: SQUARE DANCE (1/2 sem. hr.)  
(Women-Non Major)  
Call: 95258 2 Weeks 6/30-7/12 11-12:15

PE 053: SQUARE DANCE (1/2 sem. hr.)  
(Men-Non Major)  
Call: 95358 2 Weeks 6/30-7/12 11-12:15

PE 114: SOCIAL DANCE (1/2 sem. hr.)  
(Men-Major)  
Call: 95458 2 Weeks 6/30-7/12 2-3:15

PE 214: SOCIAL DANCE (1/2 sem. hr.)  
(Women-Major)  
Call: 95558 2 Weeks 6/30-7/12 2-3:15

PE 004: SOCIAL DANCE (1/2 sem. hr.)  
(Women-Non Major)  
Call: 95658 2 Weeks 6/30-7/12 2-3:15

PE 054: SOCIAL DANCE (1/2 sem. hr.)  
(Men-Non Major)  
Call: 95758 2 Weeks 6/30-7/12 2-3:15

PE 115: FOLK DANCE (1/2 sem. hr.)  
(Men-Major)  
Call: 94659 2 Weeks 6/30-7/12 3:30-4:15

PE 215: FOLK DANCE (1/2 sem. hr.)  
(Women-Major)  
Call: 94759 2 Weeks 6/30-7/12 3:30-4:15

PE 005: FOLK DANCE (1/2 sem. hr.)  
(Women-Non Major)  
Call: 94859 2 Weeks 6/30-7/12 3:30-4:15

PE 055: FOLK DANCE (1/2 sem. hr.)  
(Men-Non Major)  
Call: 94959 2 Weeks 6/30-7/12 3:30-4:15

### Sports Activities

PE 146: GOLF (1/2 sem. hr.)  
(Men-Major)  
Call: 98048 3 Weeks 6/30-7/19 12:30-1:45

PE 246: GOLF (1/2 sem. hr.)  
(Women-Major)  
Call: 98148 3 Weeks 6/30-7/19 12:30-1:45

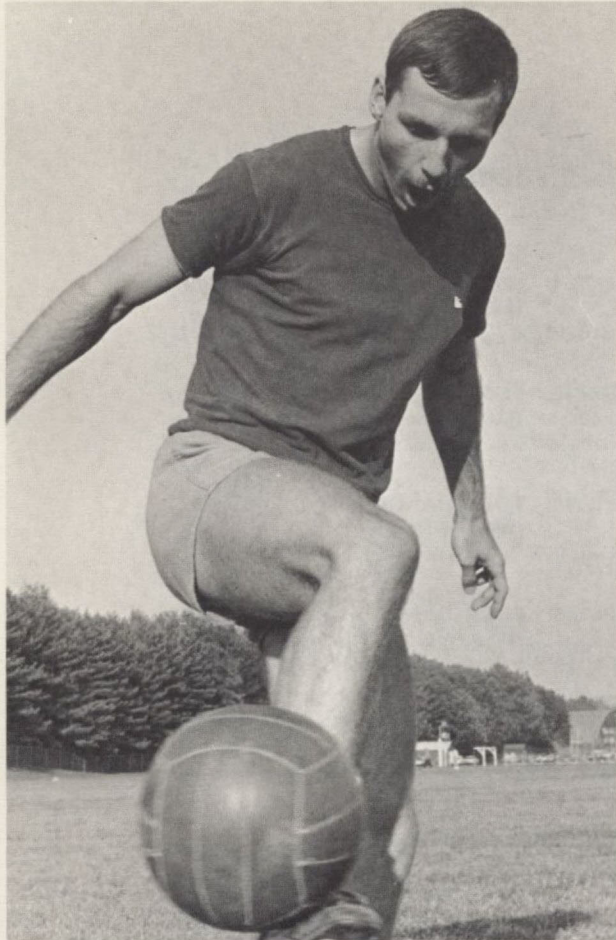
PE 021: GOLF (1/2 sem. hr.)  
(Women-Non Major)  
Call: 98248 3 Weeks 6/30-7/19 12:30-1:45

PE 071: GOLF (1/2 sem. hr.)  
(Men-Non Major)  
Call: 98348 3 Weeks 6/30-7/19 12:30-1:45

PE 142: TENNIS (1/2 sem. hr.)  
(Men-Major)  
Call: 98648 3 Weeks 6/30-7/19 3:30-5

PE 242: TENNIS (1/2 sem. hr.)  
(Women-Major)  
Call: 98748 3 Weeks 6/30-7/19 3:30-5





PE 027: TENNIS (1/2 sem. hr.)  
(Women-Non Major)  
Call: 98848 3 Weeks 6/30-7/19 3:30-5

PE 077: TENNIS (1/2 sem. hr.)  
(Men-Non Major)  
Call: 98948 3 Weeks 6/30-7/19 3:30-5

PE 144: BADMINTON (1/2 sem. hr.)  
(Men-Major)  
Call: 99048 3 Weeks 6/30-7/19 2-3:15

PE 244: BADMINTON (1/2 sem. hr.)  
(Women-Major)  
Call: 99148 3 Weeks 6/30-7/19 2-3:15

PE 018: BADMINTON (1/2 sem. hr.)  
(Women-Non Major)  
Call: 99248 3 Weeks 6/30-7/19 2-3:15

PE 068: BADMINTON (1/2 sem. hr.)  
(Men-Non Major)  
Call: 99348 3 Weeks 6/30-7/19 2-3:15

PE 146: GOLF (1/2 sem. hr.)  
(Men-Major)  
Call: 96048 3 Weeks 7/21-8/9 11-12:15

PE 246: GOLF (1/2 sem. hr.)  
(Women-Major)  
Call: 96148 3 Weeks 7/21-8/9 11-12:15

PE 021: GOLF (1/2 sem. hr.)  
(Women-Non Major)  
Call: 96248 3 Weeks 7/21-8/9 11-12:15

PE 071: GOLF (1/2 sem. hr.)  
(Men-Non Major)  
Call: 96348 3 Weeks 7/21-8/9 11-12:15

PE 142: TENNIS (1/2 sem. hr.)  
(Men-Major)  
Call: 96648 3 Weeks 7/21-8/9 2-3:15

PE 242: TENNIS (1/2 sem. hr.)  
(Women-Major)  
Call: 96748 3 Weeks 7/21-8/9 2-3:15

PE 027: TENNIS (1/2 sem. hr.)  
(Women-Non Major)  
Call: 96848 3 Weeks 7/21-8/9 2-3:15

PE 077: TENNIS (1/2 sem. hr.)  
(Men-Non Major)  
Call: 96948 3 Weeks 7/21-8/9 2-3:15

PE 147: ARCHERY (1/2 sem. hr.)  
(Men-Major)  
Call: 97248 3 Weeks 7/21-8/9 2-3:15

PE 247: ARCHERY (1/2 sem. hr.)  
(Women-Major)  
Call: 97348 3 Weeks 2-3:15

PE 017: ARCHERY (1/2 sem. hr.)  
(Women-Non Major)  
Call: 97448 3 Weeks 7/21-8/9 2-3:15

PE 067: ARCHERY (1/2 sem. hr.)  
(Men-Non Major)  
Call: 97548 3 Weeks 7/21-8/9 2-3:15

## Post Session — August 11-30

### Chem 608: MODERN CHEM- (3 sem. hr.) ISTRY IN SECONDARY SCHOOL CURRICULUM

Discussion in depth of new theories and concepts which are or could be included in secondary school chemistry curriculum, and ways in which these ideas may be used to promote better understanding of subject. Topics include: wave nature of the electron, orbital model of the atom, chemical bonding, kinetics, chemical equilibrium, energy transfer in chemical reactions, acid-base theory, and electrochemistry. Prerequisite: Open to secondary chemistry teachers. Not open to chemistry majors.

Call: 15468 9-12

### Hist 651: ADVANCED TOPIC (3 sem. hr.) IN HISTORY: NATIONALISM AND REVOLUTION IN MODERN TIMES

Dynamic movements of the nineteenth and twentieth centuries in the struggle of various peoples for freedom, liberation and independence. Prerequisite: Six semester hours of European History.

Call: 25268 9-12

### ST 431: ADVANCED ORAL (3 sem. hr.) INTERPRETATION OF LITERATURE

Oral interpretation of prose and poetry with emphasis on types of performance; lecture-recital; Readers' Theatre; Chamber Theatre. Prerequisite: ST 331 or permission of instructor.

Call: 34568 9-12

### Educ 541: WORKSHOP FOR (3 sem. hr.) PRIMARY TEACHERS

Developmental approach to teaching children age five through eight. Includes language arts, arithmetic, social and physical sciences and creative expression. Prerequisite: Student teaching or equivalent.

Call: 43168 9-12

### Educ 562: SPECIAL TOPIC (3 sem. hr.) IN EDUCATION:

### CREATIVITY

Research in various areas of creativity as they apply to teacher in classroom and school - community relations. Prerequisite: None.

Call: 43368 9-12

### Educ 562: SPECIAL TOPIC IN (3 sem. hr.) EDUCATION: "THE NEWSPAPER AS A CURRICULUM TOOL"

Newspaper as an educational resource and agency; its use in various subject fields and levels, and with economically deprived youth. Prerequisite: None.

Call: 44368 9-12

### HE 472: DRIVER AND (2 sem. hr.) TRAFFIC SAFETY EDUCATION II

Designed as a second course required for approval to teach driver education in the high school. Will include practice and testing in driving proficiency, methods and techniques of laboratory and in-the-car teaching. Related field trips and in-the-car student teaching. Prerequisite: HE 471.

Call: 71158 2 Weeks 8/18-8/30 2-5

### HE 512: MENTAL HEALTH (2 sem. hr.) WORKSHOP

Application of basic mental health principles stressed. Exploration of factors which influence mental health and potentialities for improving mental health in the community. Consideration given to individual interest of students enrolled in course.

Call: 71958 2 Weeks 8/11-8/23 9-12

### HE 571: ADVANCED DRIVER (2 sem. hr.) AND TRAFFIC SAFETY

Designed for secondary school teachers now engaged in teaching of driver education. Includes evaluation of present practices in driver education. Research and study of current principles and policies in the field. Group and individual projects required. Course requires sixty clock hours of work. Prerequisites: HE 471 and HE 472.

Call: 71058 2 Weeks 8/18-8/30 9-12



## ADMINISTRATIVE STAFF

JONES, RICHARD C., *President*

Dartmouth College, A.B.; University of New Hampshire, M.S.; Washington State University, Ph.D.

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University of Michigan, A.B., M.A., Ph.D.

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GRATION, SELBY U., *Director of Libraries*

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Canisius College, B.S.



*From left: President Jones; Deans Cummings, Banse, Reynolds, Allen, Metzger and Corey.*

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WHEELER, ROBERT G., *Director of Computer Center*

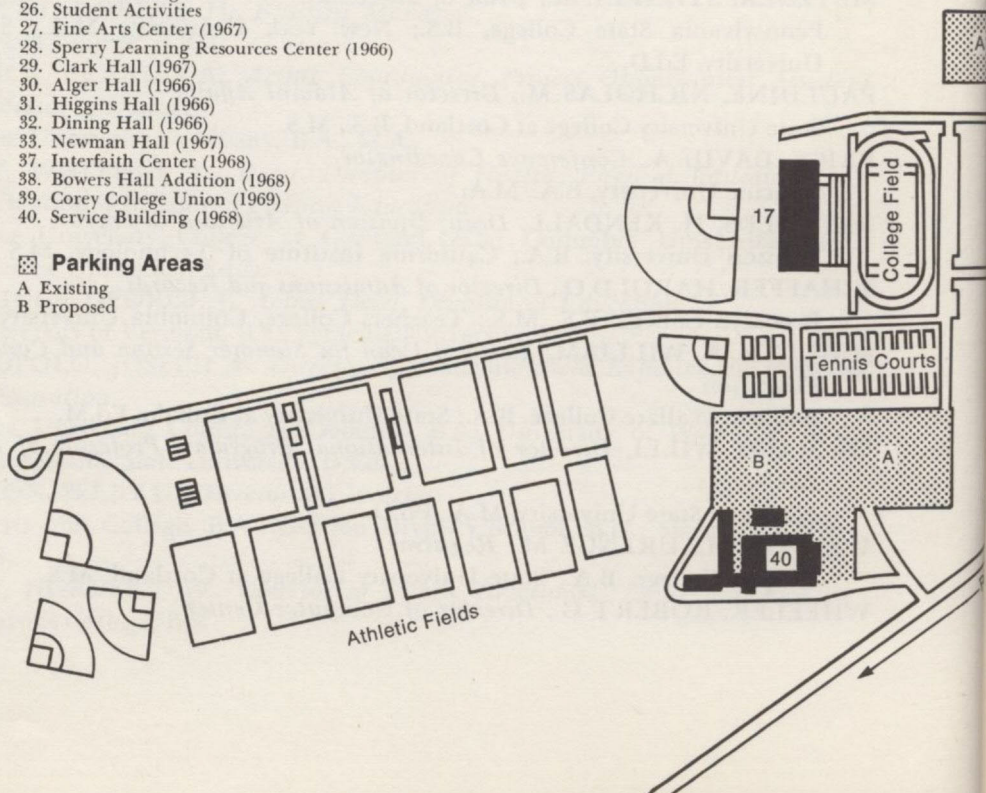


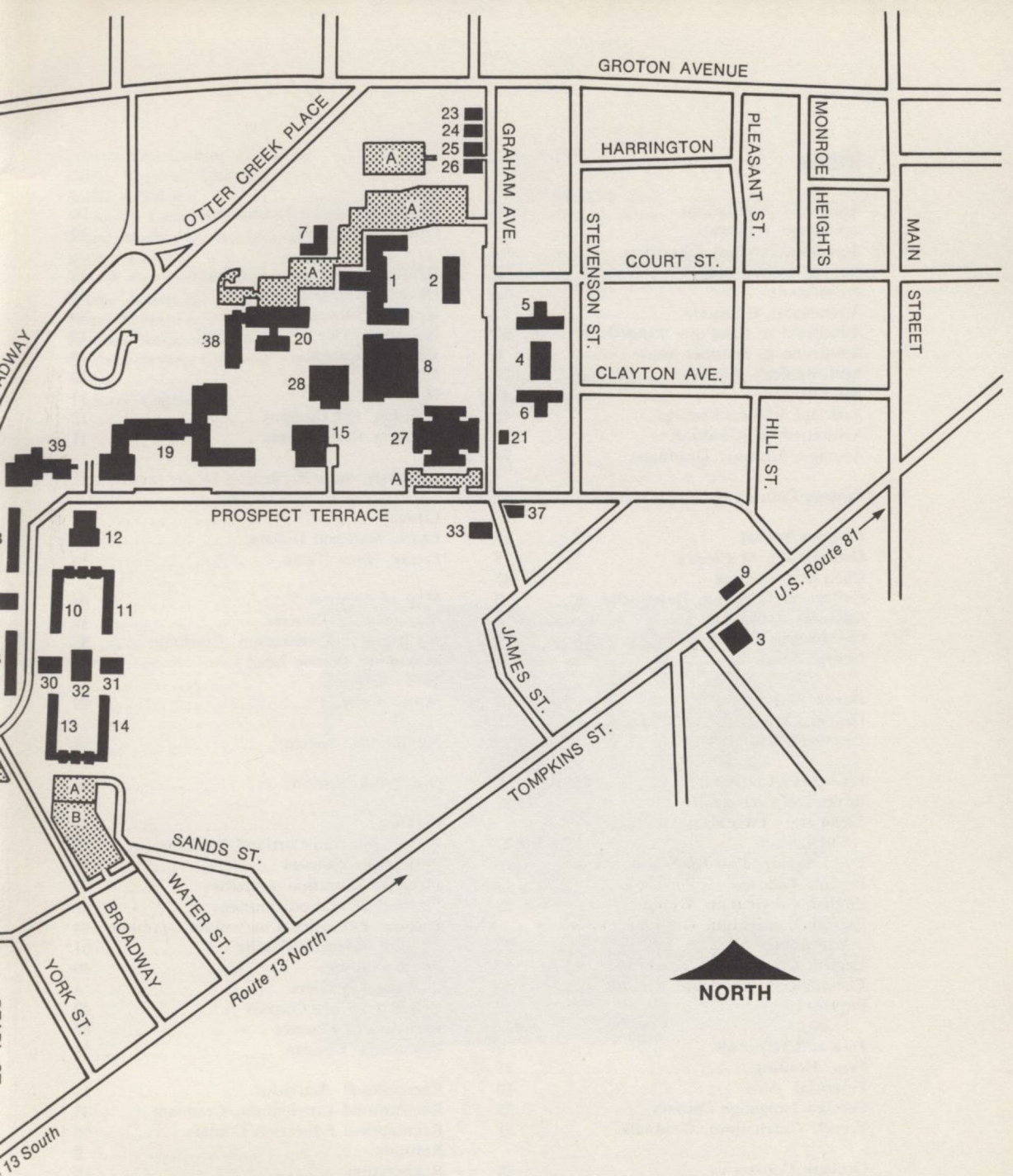
# State University College at Cortland

1. Old Main (1923)
2. Miller Administration Building (1967)
3. Wickwire Hall (acquired 1948)
4. Brockway Hall (1950)
5. Cheney Hall (1950)
6. De Groat Hall (1950)
7. Heating Plant (1953)
8. Moffett Center—Health, Physical Education, Recreation (1954)
9. McDonald House (acquired 1958)
10. Bishop Hall (1959)
11. Shea Hall (1959)
12. Neubig Hall (1960)
13. Hayes Hall (1960)
14. Hendrick Hall (1960)
15. Memorial Library (1961)
16. Randall Hall (1962)
17. Lusk Field House (1962)
18. Fitzgerald Hall (1963)
19. Cornish Hall and Ella Van Hoesen Campus School (1963)
20. Bowers Hall (1963)
21. President's Home
23. Faculty-Student Association
24. Placement
25. Office Building
26. Student Activities
27. Fine Arts Center (1967)
28. Sperry Learning Resources Center (1966)
29. Clark Hall (1967)
30. Alger Hall (1966)
31. Higgins Hall (1966)
32. Dining Hall (1966)
33. Newman Hall (1967)
37. Interfaith Center (1968)
38. Bowers Hall Addition (1968)
39. Corey College Union (1969)
40. Service Building (1968)

## Parking Areas

- A Existing  
B Proposed







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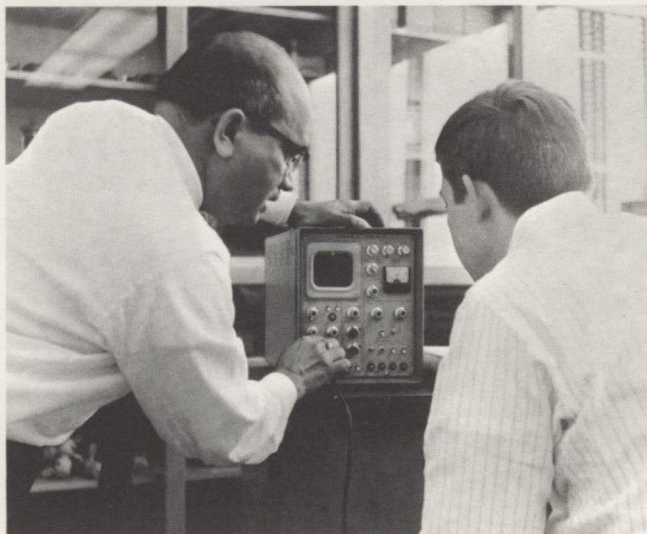
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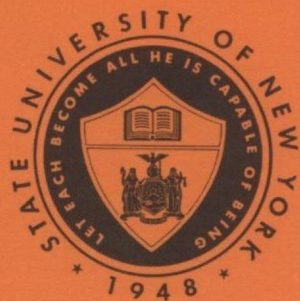
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FACULTY-STUDENT ASSOCIATION  
State University of New York  
College at Cortland

FOOD SERVICE  
Summer Session 1969

One dining hall and/or one snack bar will be open for the summer sessions. If the snack bar is not open during the week, it will be open week-ends at the hours listed below. Meal tickets may be purchased at registration on June 30th and August 11th. Other times they can be purchased at the Food Service Office in Neubig Cafeteria.

HOURS OF SERVICE AT THE DINING HALL - Monday through Friday (No service on Saturday and Sunday)

Breakfast - 7:00 A.M. - 8:30 A.M.  
Lunch - 11:30 A.M. - 1:00 P.M.  
Dinner - 5:00 P.M. - 6:00 P.M.

HOURS OF SERVICE AT THE SNACK BAR:

Monday through Friday - 10:30 A.M. - 5:30 P.M.  
Saturday through Sunday - 9:00 A.M. - 2:30 P.M.

MEAL TICKET OPTIONS IN THE DINING HALL:

Students may purchase a meal ticket good for any number of weeks in the following options:

	<u>Price per week (5 days Monday through Friday)</u>
Breakfast, Lunch and Dinner .....	\$17.50
Breakfast .....	3.75
Lunch .....	5.50
Dinner .....	10.25

If combinations of the three (3) meals are desired, add the total price of each of two (2) meals requested.

There is no refund on missed meals.

There is no refund on partial weeks.

It is required to show the meal ticket to the checker at each meal.

Children's meal tickets: Up to 5 years - less 50%  
5 to 12 years - less 25%  
over 12 years - adult price

Single Meal Prices: Faculty, staff members, parents, other students and guests are welcome to dine at any mealtime in the dining room. The price schedule is as follows:

Breakfast - .85¢  
\*Lunch - \$1.25 plus tax  
\*Dinner - \$2.25 plus tax

\* Taxes are due on all cash sales over one dollar. However, there are no taxes on the pre-sale of meal tickets.







RESERVATION BY MAIL PACKET

SUMMER SESSIONS OFFICE

STATE UNIVERSITY COLLEGE

CORTLAND, NEW YORK 13045

DIRECTOR OF HOUSING

STATE UNIVERSITY COLLEGE

CORTLAND, NEW YORK 13045



# NOTICE OF COURSE AND SCHEDULE APPROVAL

Dear Summer Session Applicant:

This is to inform you that your 1969 summer session selection of courses has been approved by your advisor and class cards are being reserved for you.

OFFICE OF THE DIRECTOR  
SUMMER SESSION

(Be sure to fill in your address on the reserse side and affix a stamp)

## 1969 SUMMER SESSIONS - HOUSING CARD

Name ..... Sex: M F  
last first M.I. College ID number (circle)

Permanent Address .....  
street and number city state zip code

Are you planning to commute? Yes \_\_\_\_ No \_\_\_\_

Are you planning to live in private housing in Cortland? Yes \_\_\_\_ No \_\_\_\_

If so, list local address if known .....

Are you planning to live in college residence hall? Yes \_\_\_\_ No \_\_\_\_

If so, complete the items on the reverse side of this card.

(over)

College ID #	CONTROL CARD	Soc. Sec. #
--------------	--------------	-------------

Name ..... Advisor .....  
LAST FIRST M.I.

Permanent Address .....  
STREET AND NUMBER CITY STATE ZIP CODE

STATUS: Graduate Student ☐ Regular Undergraduate ☐ Other ☐

(DO NOT WRITE BELOW THIS LINE)

Advisement Card sent to ..... Date .....  
Date returned .....

Advisement Card sent to Registrar: ..... Date .....

## 1969 SUMMER SESSION

### MASTER ADVISEMENT CARD

ID # ..... Soc. Sec. # .....

Name ..... Advisor .....  
LAST FIRST M.I.

Permanent Address .....  
STREET AND NUMBER CITY STATE ZIP CODE

Date of Birth ..... U.S. Citizen? ☐ Yes ☐ No

Grad. Date from H.S. .... Name and Location of H.S. ....

Have you ever previously enrolled for a Cortland Course? ☐ Yes ☐ No

Are you: Graduate ☐ Undergraduate ☐ Degree candidate at Cortland? ☐ Yes ☐ No

IF YOU ARE A GRADUATE STUDENT:

a. Where did you receive your Bachelor's Degree ..... When .....

b. Name of degree ..... Major .....

c. Date of completion of first graduate enrollment at Cortland .....

CHECK YOUR MAJOR FIELD: ☐ State Certification only in .....

<input type="checkbox"/> Elementary Ed.	<input type="checkbox"/> Sec. English	<input type="checkbox"/> Recreation Ed.
<input type="checkbox"/> Dent. Hygiene	<input type="checkbox"/> Sec. Mathematics	<input type="checkbox"/> Sec. Soc. St.
<input type="checkbox"/> Sch. Nurse Tch.	<input type="checkbox"/> Sec. Science	<input type="checkbox"/> Phys. Educ.
<input type="checkbox"/> Health Ed.		

(Do not write below this space)

Code	Major
------	-------

1969 SUMMER SESSION



TO: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name ..... Sex: M F  
last first M.I. College ID No. (circle)

ROOM ACCOMMODATIONS:  
Single - (\$17.00 per week) \_\_\_\_\_ Dates of attendance .....to .....  
Number of weeks .....total room cost \$ .....  
Double - (\$12.00 per week) \_\_\_\_\_ Dates of attendance .....to .....  
Number of weeks .....total room cost \$ .....

ROOMMATE PREFERENCE, if any .....

LAUNDRY SERVICE: \_\_\_\_\_ Available at \$1.00 per week (2 sheets, 1 pillowcase, 2 towels and 1 washcloth)

CHECK YOUR STATUS: Graduate Student \_\_\_\_\_ Regular Undergraduate \_\_\_\_\_  
Summer Student only \_\_\_\_\_ Your age .....

Housing payment in full in advance is to be made upon arrival on campus. We cannot guarantee "single" reservations, nor can hall and floor preferences be honored. Specific housing and room assignments will generally be made upon your arrival.

INDICATE BELOW THE COURSES YOU WISH TO TAKE IN THE 1969 SUMMER SESSION

SUMMER SESSION

Call Number	Course Number	Course Title	Sem. Hrs.	No.of Weeks	Time of Meeting	Credit U or G

POST SESSION


Class Cards Pulled: ☐ Advisor Approval: \_\_\_\_\_  
Date Approved: \_\_\_\_\_  
Division Dean Approval (over 6 sem. hrs.) \_\_\_\_\_